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EC823 (Revised May 2014)

## 2014 Nebraska Farm Custom Rates — Part I

Roger K. Wilson, Extension Farm Management Specialist

Every two years a survey of custom operators is conducted to determine the current rates charged for specific machinery operations. The survey is divided into Part I and Part II. Part I includes the spring and summer operations such as planting and small grains harvest, and Part II includes information about fall and miscellaneous operations.

The responses are grouped by Agricultural Statistics Reporting Districts shown on the map below (*Figure 1*). Custom rates reported include charges for the use of necessary equipment, fuel, labor, and supplies such as baling wire or twine provided by the custom operator. Seed, fertilizer, and chemical costs are not included.

This survey is not based on a random sample of custom operators in Nebraska. Questionnaires were sent to all the individuals on our mailing list of custom operators. Thus, the results reflect the view of those who responded to the specific questions, but may not be representative of the rates charged in a particular area.

The **Number Reporting** is the number of usable responses received for a specific operation. The reported results from operations with more responses are considered to be more reliable than those with fewer responses. No results are reported if there are fewer than three usable responses.

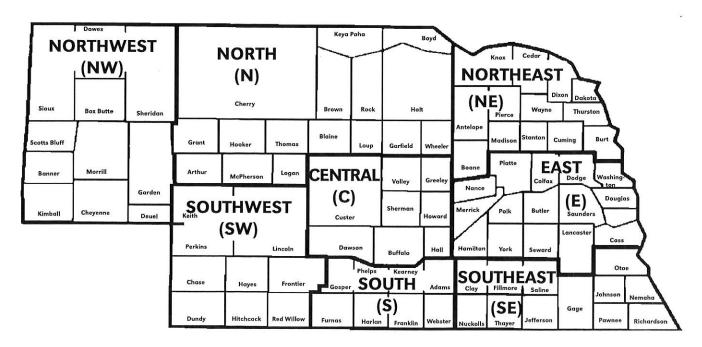


Figure 1. USDA Agricultural Statistics Services reporting districts for Nebraska.



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The Average Rate for a specific operation provides an estimate of the prevailing charge with its reliability improving as the number of responses increases. The Most Common Rate is the rate reported more often than any other for that practice. The Average Rate and the Most Common Rate are usually similar. The Average Rate is calculated to the nearest cent, while the Most Common Rate is more generally reported to the nearest dollar. Nothing is entered in the Most Common Rate when no value is reported more than once or when two or more values are reported the same number of times. The Range gives the minimum and the maximum amounts reported. It may be indicative of different conditions under which the work was performed. The range also may reflect the fact that some rates include travel to and from the field while others do not.

The rates do not necessarily measure the full economic cost of performing the work specified. Some custom operators may only charge for fuel and labor. Other operators may charge for all costs, including depreciation on equipment and a charge for risk and a management return. Field conditions such as size, terrain, and location vary, which will account for some of the range in the rates charged.

Estimates of the costs of owning and operating farm machinery are available to compare with these custom rates. One source of estimated costs of owning and operating machines is the University of Minnesota Extension publication called "Machinery Cost Estimates." It is available electronically at: <a href="http://faculty.apec.umm.edu/wlazarus/documents/machdata.pdf">http://faculty.apec.umm.edu/wlazarus/documents/machdata.pdf</a>.

The information presented here should be used only as a guide. Rates change from year to year due to cost changes and the availability of custom operators. For example, the rates reported in this presentation were the prevailing rates in the spring of 2014. In determining the rates for 2015, custom operators and farm owners should consider changes in the cost of machinery, labor, and fuel.

Factoring in the difference in fuel cost is essential to obtain an accurate estimate for the cost associated with custom farming. This survey was conducted when expected fuel prices were \$3.50 per gallon (see page 12 of the report). As the prices vary, fuel consumption rates and the change in fuel price can be used to update the custom rates to current prices. For example, if the farm diesel price is \$3.50 per gallon with a consumption rate of .80 gallons per acre, \$3.50 X .80=\$2.80 that could be allocated to the per acre custom rate. If farm diesel prices increased to \$3.75 per gallon, an estimate of the additional cost due to the fuel increase would be \$.25 X .80=\$.20. This price then can be added to the custom rate quoted here.

Inquiries or requests to be added to the list of respondents should contact:

Roger K. Wilson, University of Nebraska–Lincoln 303C Filley Hall, PO Box 830922 Lincoln, NE 68583-0922 Phone (402) 472-1771; Fax: 402-472-0776 Email: rwilson6@unl.edu

**2014 FARM CUSTOM RATES (PART I)**Reported by Crop Reporting District, in Dollars Unless Otherwise Specified

|   | NW              | N                                 | NE             | С               | Е              | SW          | S           | SE         | STATE       |
|---|-----------------|-----------------------------------|----------------|-----------------|----------------|-------------|-------------|------------|-------------|
| LAND TILLAGE O  | OPERATIONS      |                                   |                |                 |                |             |             |            |             |
| MOLDBOARD PLOW  | ING WITHOUT PI  | OW PACK                           | ER, PER ACRE   |                 |                |             |             |            |             |
| Number Reporting  | 3               | #                                 | 3              | #               | 4              | #           | #           | #          | 15          |
| Average Rate  | 16.00           | -                                 | 14.00          | =               | 18.75          | 121         | -           | 12         | 15.33       |
| Range   | 15-18           | ( <del>=</del> )                  | 12-15          | -               | 15-20          | 3-4         | -           | 1-1        | 8-20        |
| Most Common   | 15              |                                   | 15             |                 | 20             |             |             | 15         | 15          |
| MOLDBOARD PLOW  | ING WITH PLOW   | PACKER, F                         | PER ACRE       |                 |                |             |             |            |             |
| Number Reporting  | #               | #                                 | #              | #               | #              | #           | #           | #          | 7           |
| Average Rate  | -               | -                                 |                | =               | -              | 17          | =           | 1.0        | 16.00       |
| Range   | -               | -                                 | -              | <u>~</u>        | -              | -           | +           | -          | 9-21        |
| Most Common   |                 |                                   |                |                 |                |             |             |            | -           |
| DISK HARROWING, T   | ANDEM OR OFFS   | ET, PRIMA                         | ARY HARROWII   | NG, PER ACRE    |                |             |             |            |             |
| Number Reporting  | 6               | #                                 | 10             | 12              | 24             | 3           | 4           | 14         | 74          |
| Average Rate  | 9.75            | -                                 | 12.45          | 13.58           | 13.19          | 13.88       | 13.88       | 12.89      | 12.94       |
| Range   | 7-15            | -                                 | 8-17           | 9-20            | 8-20           | 15-18       | 12-15       | 10-17      | 7-20        |
| Most Common   | 9               | Malanes and analysis and analysis | 15             | 15              | 12             | 18          |             | 10         | 15          |
| DISK HARROWING, T   | ANDEM OR OFFS   | et, finish                        | HING HARROW    | 'ING, PER ACR   | E              |             |             |            |             |
| Number Reporting  | 4               | #                                 | 14             | 12              | 23             | 3           | 4           | 15         | 76          |
| Average Rate  | 12.63           |                                   | 11.61          | 13.08           | 11.85          | 12.13       | 12.13       | 12.33      | 12.24       |
| Range   | 7.50-18.00      | <u></u>                           | 7.00-17.00     | 8.00-18.00      | 6.50-18.00     | 13.00-15.00 | 10.00-14.50 | 8.00-18.00 | 6.50-18.00  |
| Most Common   |                 |                                   | 10             | 15              | 10             | 15          | 12          | 12         | 10          |
| HARROWING, SPIKE  | TOOTH, PER ACR  | E                                 |                |                 |                |             |             |            |             |
| Number Reporting  | #               | #                                 | #              | #               | 3              | #           | #           | #          | 8           |
| Average Rate  | 4               | -0                                | =              | 14              | 10.67          | =           | -           | -          | 9.88        |
| Range   | (m)             | -                                 | -              | 8 <del>.0</del> | 7-15           | -           | =           | -          | 7-15        |
| Most Common   |                 |                                   |                |                 |                |             |             |            | 10          |
| HARROWING, SPRING   | G TOOTH, PER AC | CRE                               |                |                 |                |             |             |            | BANG CANADA |
| Number Reporting  | #               | #                                 | #              | #               | #              | #           | #           | #          | 10          |
| Average Rate  | 8               | -                                 | <u>12</u>      | _               | <del>-</del> - | ş           | -           | j -        | 9.90        |
| Range   | -               | -                                 | -              | -               | -              | 2           | 12          | -          | 7-15        |
| Most Common   |                 |                                   |                |                 |                |             |             |            | 10          |
| CHISEL PLOW FOR PI  | RIMARY TILLAGE, | PER ACRI                          | 3              |                 |                |             |             |            |             |
| Number Reporting  | 5               | #                                 | 5              | 6               | 5              | #           | #           | 4          | 29          |
| Average Rate  | 8.95            | -                                 | 14.20          | 13,50           | 15.60          | _           |             | 13.25      | 13.41       |
| Range   | 7-12            | -                                 | 11-18          | 10-15           | 10-20          | -           | 127.        | 8-18       | 7-20        |
| Most Common   |                 |                                   | 12             | 15              | 15             | 18          |             |            | 15          |
| DEEP CHISEL, PER AC   | RE              |                                   |                |                 |                |             |             |            |             |
| Number Reporting  | 4               | #                                 | 6              | 7               | 7              | #           | #           | 3          | 31          |
| Average Rate  | 10.75           | -                                 | 20.33          | 17.07           | 17.00          | 2           | 12          | 14.00      | 16.69       |
| Range   | 10-13           | -                                 | 12-35          | 15-20           | 12-22          | -           | -           | 10-20      | 10-35       |
| Most Common   | 10              |                                   | 15             | 15              | 15             |             | 15          |            | 15          |
| SUBSOILER OR RIPPI  | NG, PER ACRE    |                                   |                |                 |                |             |             |            |             |
| Number Reporting  | 3               | #                                 | 8              | 10              | 16             | 4           | 3           | 5          | 50          |
| Average Rate  | 16.00           | -                                 | 23.75          | 18.10           | 21.94          | 17.33       | 17.33       | 16.60      | 20.08       |
| Range   | 12-18           | <u>=</u>                          | 14-35          | 12-25           | 10-40          | 10-30       | 16-18       | 12-20      | 10-40       |
| Most Common   | 18              |                                   | 35             | 20              | 25             |             | 18          | 17         | 18          |
| FIELD CULTIVATOR, F   | PER ACRE        |                                   |                |                 |                |             |             |            |             |
| Number Reporting  | 5               | #                                 | 8              | 5               | 20             | 3           | #           | 17         | 61          |
| Average Rate  | 8.95            | 2                                 | 12.75          | 13.10           | 12.05          | 11.00       | -           | 11.18      | 11.73       |
| Range   | 7.50-12.00      | -                                 | 9.00-25.00     | 10.00-15.00     | 6.50-19.00     | 13.00-15.00 | -           | 7.50-25.00 | 6.50-25.00  |
| Most Common   | 7.5             |                                   | 9              | 15              | 15             | 15          |             | 10         | 15          |
| VERTICAL OR TURBO   | TILLAGE         |                                   |                |                 |                |             |             |            |             |
| Number Reporting  | 3               | #                                 | #              | 3               | 8              | 3           | #           | 5          | 26          |
|   |                 | 39                                | 550            |                 |                | 16.00       | 885         | 17.60      | 15.15       |
| 100 NO. | 13.17           | =                                 | ( <del>-</del> | 15.00           | 13.31          | 10.00       | -           | 17.00      | 15.15       |
| Average Rate<br>Range   | 13.17<br>12-15  | 5                                 | 12             | 15.00<br>12-18  | 13.31<br>8-20  | 12-18       | -           | 11-27      | 8-27        |

<sup>#</sup> Too few responses to publish

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|   | NW             | N   | NE   | С           | E              | SW              | S          | SE              | STATE      |
|---|----------------|---|--|-------------|----------------|-----------------|------------|-----------------|------------|
| ROTARY TILLERS, PTO   | DRIVEN, PER    | ACRE  |  |             |                |                 |            |                 |            |
| Number Reporting  | #              | #   | #  | #           | #              | #               | #          | #               | 5          |
| Average Rate  | -              | -   | -  |             | -              | -               | -          | -               | 17.80      |
| Range   | -              | -   | _  | -           | 20             |                 | 72         | n=              | 10-25      |
| Most Common   |                |   |  |             |                |                 |            |                 | -          |
| ROD WEEDER, PER AC  | TRE            |   |  |             |                |                 |            |                 |            |
|   | 3              | #   | #  | #           | #              | #               | #          | #               | 7          |
| Number Reporting  | 6.50           | π   | #  | π           | π              | π               | π<br>-     | -               | 10.36      |
| Average Rate  | 5.00-7.50      | -   | ~  | -           | -              | -               | -          |                 | 5.00-18.00 |
| Range<br>Most Common  | 5.00-7.50      | -   | 7  | -           | -              |                 | -          | -               | 10         |
|   | SE CHIEFE BLAS | DE DED LODI                                   |  |             |                |                 |            |                 | 10         |
| BLADE PLOW OR WIL   |                | ACCUPATION OF THE PROPERTY OF THE PROPERTY OF |  |             |                |                 |            |                 |            |
| Number Reporting  | 3              | #   | #  | #           | #              | #               | #          | #               | 8          |
| Average Rate  | 10.00          | -   | -  | (I=)        | -              | -               | -          | -               | 11.75      |
| Range   | 8-13           | -   | -  |             | <del>-</del> 2 | =               |            |                 | 8-17       |
| Most Common   |                |   |  |             |                |                 |            |                 | 10         |
| COMBINATION TILLA   | AGE OPERATIO   | NS, PRIMARY                                   | Y TILLAGE, PEI                             | R ACRE      |                |                 |            |                 |            |
| Number Reporting  | #              | #   | #  | 4           | 4              | #               | #          | #               | 12         |
| Average Rate  | 121            | 20  | 2  | 14.50       | 16.00          | ž.              | 12         | 141             | 14.25      |
| Range   | -              | -   | -  | 12-18       | 12-21          | =               | -          | -               | 9-21       |
| Most Common   |                |   |  |             |                |                 |            |                 | 15         |
| COMBINATION TILLA   | AGE OPERATIO   | NS, FINISHIN                                  | NG TILLAGE, P                              | ER ACRE     |                |                 |            |                 |            |
| Number Reporting  | #              | #   | 4  | #           | 9              | #               | #          | 3               | 22         |
| Average Rate  | -              | _   | 15.50                                      | _           | 13,44          | _               | =          | 13.67           | 13.36      |
| Range   |                |   | 11-25                                      | -           | 9-19           | _               | -          | 12-15           | 7-25       |
| Most Common   |                |   | 11-23                                      |             | 15             |                 |            | 12 13           | 12         |
| STRIP TILLING, PER A  | CDE            |   |  |             | 13             |                 |            |                 | 12         |
|   |                |   | •  | _           | _              | _               | #          | #               | 22         |
| Number Reporting  | 4              | #   | 3  | 5           | 5              | 5               | #          | #               | 18.50      |
| Average Rate  | 22.50          | -   | 17.00                                      | 16.60       | 16.20          | 15.25           | -          | : <b>-</b>      |            |
| Range   | 19-25          | -   | 9-30                                       | 12-20       | 13-20          | 15-35           | -          |                 | 9-35       |
| Most Common   |                |   |  | 20          | 15             | 16              |            | SENSON IN FIRST | 15         |
| STALK SHREDDER PT   |                |   |  |             |                |                 |            |                 |            |
| Number Reporting  | #              | #   | 4  | 7           | 10             | #               | #          | 4               | 27         |
| Average Rate  | -              | -   | 12.50                                      | 12.29       | 10.95          | 2               | -          | 11.75           | 11.65      |
| Range   | -              | -   | 8-15                                       | 10-16       | 5-15           | <u>~</u>        | -          | 10-14           | 5-16       |
| Most Common   |                |   | 15   | 10          | 12             |                 |            |                 | 10         |
| ROLLING STALK CHO   | PPER, NOT PT   | O, PER ACRE                                   |  |             |                |                 |            |                 |            |
| Number Reporting  | 3              | #   | #  | 6           | 9              | 3               | 3          | #               | 28         |
| Average Rate  | 8.83           | ( <del>1</del> 0)                             | =  | 11.50       | 10.83          | 8.67            | 8.67       | 12              | 10.09      |
| Range   | 6.50-12.00     | _   | 2  | 10.00-14.00 | 7.00-15.00     | 6.00-12.00      | 8.00-10.00 | -               | 4.00-15.00 |
| Most Common   |                |   |  | 10          | 10             |                 | 8          |                 | 10         |
| ROLLING HARROWIN  | IG AFTER PLOV  | WING, PER A                                   | CRE  |             |                | AND DESCRIPTION |            |                 |            |
| Number Reporting  | #              | #   | #  | #           | #              | #               | #          | #               | 4          |
| Average Rate  | · · ·          |   | -  | -           | -              | 2               | -          | 12              | 13.00      |
| Range   | 000)<br>024    | 20  | 2  | 10 E        |                | _               | -          | -               | 10-15      |
| Most Common   |                |   |  |             | 15             |                 |            |                 | 15         |
|   | DOCT DI ANT    | TIMO OPE                                      | DATIONE                                    |             |                |                 |            |                 |            |
| PLANTING AND  |                |   |  |             |                |                 |            |                 |            |
| DRILLING SMALL GR.  |                |   | And the Call has been been been publicated |             |                |                 |            |                 |            |
| Number Reporting  | 9              | #   | #  | 4           | 9              | #               | 3          | 9               | 40         |
| Average Rate  | 12.81          | -   | 2  | 15.00       | 14.22          | -               | 13.17      | 13.22           | 13.37      |
| Range   | 7-18           | 1-1   | -  | 14-16       | 10-20          | -               | 12-14      | 12-16           | 7-20       |
| Most Common   | 15             |   | 10   | 15          | 12             |                 |            | 12              | 12         |
| Annual March Control of the Control | ains, no-till  | DRILL, PER                                    | ACRE                                       |             |                |                 |            |                 |            |
| DRILLING SMALL GR   |                |   |  |             |                |                 | 12         |                 | 73         |
| DRILLING SMALL GR<br>Number Reporting   | 8              | 3   | 4  | 5           | 16             | 6               | 5          | 26              | /3         |
| Number Reporting  | 8<br>15.31     | 3<br>15.67                                    | 4<br>14.38                                 | 5<br>20.80  | 16<br>17.31    | 6<br>17.80      | 5<br>17.80 | 26<br>16.19     | 16.89      |
|   |                |   |  |             |                |                 |            |                 |            |

<sup>#</sup> Too few responses to publish

|                                  | NW  | N                 | NE               | C  | E                    | SW           | S  | SE                   | STATE                |
|----------------------------------|---|-------------------|------------------|--|----------------------|--------------|--|----------------------|----------------------|
| DRILLING SOYBEAN                 |   |                   |                  |  | E                    | 377          | 3  | JE.                  | SIALE                |
| Number Reporting                 | #   | #                 | #                | 4  | 6                    | #            | #  | 10                   | 24                   |
| Average Rate                     | 6 <u>17</u> 1                             | 20                | ÷                | 15.75  | 14.00                | ä            | 1.7                                      | 14.50                | 14.75                |
| Range                            | (47)                                      | -                 | =                | 15-17  | 10-20                | -            | 12                                       | 12-18                | 10-20                |
| Most Common                      |   |                   |                  | 15   | 10                   |              |  | 15                   | 15                   |
| DRILLING SOYBEAN                 | IS, NO-TILL DRIL                          | L, PER ACRI       | B                |  |                      |              |  |                      |                      |
| Number Reporting                 | #   | #                 | 8                | 5  | 20                   | 3            | 7  | 29                   | 74                   |
| Average Rate                     | -   | -                 | 15.19            | 19.40  | 16.15                | 18.14        | 18.14                                    | 16.93                | 17.04                |
| Range                            | 123                                       | 2                 | 10.50-22.00      | 17.00-25.00  | 12.00-30.00          | 16.75-28.00  | 16.00-22.00                              | 12.00-30.00          | 10.50-30.00          |
| Most Common                      |   |                   | 15               | 17   | 12                   |              | 16                                       | 15                   | 15                   |
| PLANTING DRY EDI                 |   |                   |                  |  |                      |              |  |                      |                      |
| Number Reporting                 | 4   | #                 | #                | #  | 3                    | #            | #  | #                    | 12                   |
| Average Rate                     | 17.13                                     | -                 | 0.00             | le:  | 17.00                | -            | -  | -                    | 19.63                |
| Range<br>Most Common             | 10-25                                     | -                 | -                | -  | 15-20                |              | 8 <del>.0</del> 0                        |                      | 10-45                |
| PLANTING SUGAR B                 | PEERS DED ACRE                            |                   |                  |  |                      |              |  |                      | 20                   |
|                                  | 3   | #                 |                  |  | 2                    |              |  |                      | 2                    |
| Number Reporting<br>Average Rate | 3<br>17.17                                | #                 | #                | #  | 3<br>17.33           | #            | #  | #                    | 8<br>17.19           |
| Range                            | 17.17                                     | -                 | 0=0<br>0=0       | -  | 17.33                | <b>=</b>     | •  | _                    | 17.19                |
| Most Common                      | 19.30-19.00                               | #<br>             | 0 <b>=</b> 2     | -  | 20                   | -            | ( <del></del> )                          | o <del>e</del><br>2  | 20                   |
| SEEDING GRASS SEE                |   |                   |                  |  |                      |              |  |                      | ۵0                   |
| Number Reporting                 | 5   | #                 | #                | #  | 3                    | #            | #  | 3                    | 17                   |
| Average Rate                     | 17.40                                     | -                 | π<br>-           | -  | 16.33                | -            | -  | 3<br>17.67           | 17.41                |
| Range                            | 15-20                                     | -                 | 1 <del>=</del> ) | -  | 12-20                | -            | -  | 12-25                | 17.41                |
| Most Common                      | 15  |                   |                  |  |                      |              |  |                      | 15                   |
| SEEDING GRASS SEE                | D WITH DEPTH                              | BANDS, PER        | ACRE             |  |                      |              |  |                      |                      |
| Number Reporting                 | #   | #                 | #                | #  | 3                    | #            | #  | 3                    | 12                   |
| Average Rate                     | <u></u>                                   | (1 <del>4</del> ) | -                | =  | 16.33                | 0 <u>2</u> 0 | (20)                                     | 15.75                | 16.35                |
| Range                            | =   | ( <del></del> )   | -                |  | 12.00-20.00          | -            | _  | 15.00-16.25          | 12.00-21.00          |
| Most Common                      |   |                   |                  |  |                      |              |  |                      | 15                   |
| SEEDING LEGUMES,                 | PER ACRE                                  |                   |                  |  |                      |              | · 有限 · · · · · · · · · · · · · · · · · · |                      |                      |
| Number Reporting                 | #   | #                 | #                | #  | 5                    | #            | #  | 7                    | 21                   |
| Average Rate                     | -   | 82                | <u> -</u>        | =  | 14.40                | -2           | 123                                      | 18.32                | 16.23                |
| Range                            | =   | -                 | -                |  | 10-20                | -            | (=)                                      | 16-25                | 9.5-25               |
| Most Common                      |   |                   |                  |  |                      |              |  | 16                   | 16                   |
| SEEDING LEGUMES                  |   |                   |                  |  |                      |              |  |                      |                      |
| Number Reporting                 | #   | #                 | #                | #  | 5                    | #            | #  | #                    | 11                   |
| Average Rate                     | 2   | -                 | -                | ž  | 14.60                | =            |  | -                    | 15.36                |
| Range<br>Most Common             |   | ( <del>-</del> )  | -                | -  | 12-20                | -            | -  | -                    | 12-20                |
| Most Common<br>SEEDING CRP GROU  | NID DED ACRE                              |                   |                  | The state of the last of the l | 12                   |              | an arrange managemental                  |                      | 15                   |
|                                  |   | ш                 | п                | ш  | 2                    |              |  |                      | 20                   |
| Number Reporting<br>Average Rate | 4<br>15.63                                | #                 | #                | #  | 3                    | #            | #  | 6                    | 20                   |
| Range                            | 15.63                                     | -                 |                  | -  | 17.33<br>12.00-20.00 |              |  | 18.17<br>10.00-30.00 | 18.03<br>10.00-30.00 |
| Most Common                      | 15  |                   | -                | -  | 20                   | -            |  | 10.00-30.00          | 20                   |
| SEEDING CRP GROU                 |   | H BANDS, PI       | ER ACRE          |  | 20                   |              |  | 10                   | 20                   |
| Number Reporting                 | 3   | #                 | #                | #  | 3                    | #            | #  | #                    | 11                   |
| Average Rate                     | 16.67                                     | -                 |                  | -  | 17.33                | -            | -  | -                    | 16.73                |
| Range                            | 15-20                                     | 12                | -                |  | 12-20                |              | 20                                       |                      | 10-20                |
| Most Common                      | 15  |                   |                  |  | 20                   |              |  |                      | 20                   |
| INTERSEEDING LEGI                | UMES WITH POV                             | VER SEEDEF        | R, PER ACRE      |  |                      |              |  |                      |                      |
| Number Reporting                 | #   | #                 | #                | #  | 3                    | #            | #  | #                    | 7                    |
| Average Rate                     | 88  | ( <del>=</del> )  | -                | -  | 18.33                | -            | -  | -                    | 17.43                |
| Range                            |   | -                 | -                | -  | 12-23                | -            |  | -                    | 12-23                |
| Most Common                      |   |                   |                  |  |                      |              |  |                      | 20                   |
| CULTIVATION TILLA                | GE, ROTARY HO                             | EING, PER A       | CRE              |  |                      |              |  |                      |                      |
| Number Reporting                 | 3   | #                 | 3                | #  | 6                    | #            | #  | #                    | 14                   |
| Average Rate                     | 8.17                                      | -                 | 7.67             | -  | 10.08                | -            | - u                                      | -                    | 9.21                 |
| Range                            | 7.00-10.00                                | =                 | 6.00-10.00       |  | 6.50-20.00           | -            | ~<br>=                                   |                      | 6.50-20.00           |
| Most Common                      | encentral expension of the their Telefold |                   |                  |  | 9                    |              |  |                      | 10                   |
| # Too few responses to           |   |                   |                  |  |                      |              |  |                      |                      |

<sup>#</sup> Too few responses to publish

|  | NW   | N  | NE  | С  | Е   | SW                             | S  | SE  | STATE   |
|--|--|--|---|--|---|--------------------------------|--|---|---|
| CULTIVATION TILLA  | GE, CONVENTI   | ONAL CROP  | CULTIVATOR,   | PER ACRE   |   |                                |  |   |   |
| Number Reporting   | #  | #  | 3   | 7  | 5   | #                              | #  | #   | 20  |
| Average Rate   | 7.   | 5  | 8.67  | 12.86  | 12.80   | -                              | i <del>=</del> 1   |   | 11.90   |
| Range  |  | 2  | 8-10  | 10-17  | 8-20  | -                              | -  |   | 8-20  |
| Most Common  |  |  | 8   | 12   | 12  |                                |  |   | 12  |
| CULTIVATION TILLA  | GE, CULTIVATO  | R HANDLIN  | IG RESIDUE &/   | OR MAKING RI   | DGES, PER AC  | RE                             |  |   | All Bulletin  |
| Number Reporting   | #  | #  | #   | 6  | 11  | #                              | #  | #   | 25  |
| Average Rate   | -  | -  | -   | 13.33  | 12.68   | o <del></del>                  | 17.0   |   | 12.66   |
| Range  | 1-1  | -  | 1-0   | 12-17  | 7-20  | -                              | -  | -   | 7-20  |
| Most Common  |  |  |   | 12   | 12  |                                | 12   |   | 12  |
| CULTIVATION TILLA  | GE, HILLING OI   | R DITCHING   | G FOR IRRIGATI  | ON, PER ACRE   |   |                                |  |   |   |
| Number Reporting   | #  | #  | 3   | 9  | 13  | #                              | 3  | 8   | 39  |
| Average Rate   | -  | *  | 13.33   | 11.78  | 10.77   | -                              | 11.50  | 9.63  | 10.97   |
| Range  | J#33   | <b>7</b> 1   | 8-22  | ~ 10-15  | 7-20  | 1-                             | 10-13.50   | 6.50-13   | 6.50-22   |
| Most Common  |  |  |   | 10   | 10  |                                |  | 10  | 10  |
| PLANTING ROW CRC   | PS, INCLUDES   | no-till, w   | ITH BAND APP  | LICATOR, PER   | ACRE  |                                |  |   |   |
| Number Reporting   | 5  | #  | 6   | 5  | 9   | #                              | 4  | 14  | 44  |
| Average Rate   | 17.70  | -  | 17.50   | 18.40  | 17.83   | -                              | 16.63  | 18.57   | 18.08   |
| Range  | 12-25  | ~  | 15-21   | 15-25  | 14-25   | ·                              | 14.50-22   | 13.50-30  | 12-30   |
| Most Common  | 19   |  | 15  | 15   | 15  |                                | 15   | 18  | 15  |
| PLANTING ROW CRC   | PPS, WITH COU  | LTERS, WIT   | HOUT BAND A   | PPLICATOR, PE  | R ACRE  |                                |  |   |   |
| Number Reporting   | #  | #  | 7   | 6  | 17  | #                              | #  | 13  | 46  |
| Average Rate   | -  | 1/2  | 17.86   | 18.00  | 16.91   | -                              | 1211   | 17.88   | 17.59   |
| Range  | -  | -  | 15-25   | 15-30  | 10-30   | -                              | -  | 12-27.50  | 10-30   |
| Most Common  |  |  | 16  | 15   | 20  |                                |  | 17  | 15  |
| PLANTING ROW CRC   | PS, WITH COU   | LTERS, WIT   | H BAND APPLIC   | CATOR, PER AC  | RE  |                                |  |   |   |
| Number Reporting   | 8  | #  | 9   | 6  | 10  | #                              | 3  | 15  | 53  |
| Average Rate   | 18.13  | -  | 17.78   | 15.50  | 19.90   | -                              | 19.67  | 16.90   | 17.80   |
| Range  | 12-25  | _  | 15-27   | 12-20  | 14-30   | -                              | 15-22  | 12-30   | 12-30   |
| Most Common  | 24   |  | 15  | 15   | 25  |                                | 22   | 15  | 15  |
| PLANTING ROW CRO   |  |  |   |  |   |                                |  |   | What is a second  |
| Number Reporting   | #  | #  | 6   | 6  | 18  | #                              | #  | 21  | 54  |
| Average Rate   | 9  | W <b>=</b>   | 16.33   | 14.33  | 17.11   | -                              | =  | 16.38   | 16.52   |
| Range  | -  | -  | 12.00-20.00   | 11.00-16.00  | 10.00-30.00   | -                              | 2  | 10.00-27.50   | 10.00-30.00   |
| Most Common  |  |  |   | - 15   | 20  |                                |  | 15  | 15  |
| PLANTING ROW CRO   | PS. WITH ROW   |  |   | PPI ICATOR P   | ED ACDE   |                                |  |   |   |
| Number Reporting   |  | CLEANING   | , WITH BAND A   | ii i Lichtion, i   | ENACKE  |                                |  |   |   |
|  | 3  | CLEANING<br>#  | 4   | 13   | 21  | 3                              | 6  | 12  | 64  |
| Average Rate   | 3<br>15.50   |  | 4<br>19.75  | 13<br>18.54  | 21<br>19.69   | 16.17                          | 16.17  | 15.83   | 18.31   |
| Range  | 3  |  | 4   | 13<br>18.54<br>12.00-30.00   | 21<br>19.69<br>10.00-30.00  |                                |  | 15.83<br>11.00-20.00  | 18.31<br>8.00-35.00   |
| Range<br>Most Common   | 3<br>15.50<br>13.50-19.00  | #<br>-<br>-  | 4<br>19.75<br>13.00-30.00   | 13<br>18.54<br>12.00-30.00<br>15   | 21<br>19.69<br>10.00-30.00<br>20  | 16.17                          | 16.17  | 15.83   | 18.31   |
| Range<br>Most Common<br>PLANTING ROW CRO   | 3<br>15.50<br>13.50-19.00<br>DPS, WITH ROW   | #<br>-<br>-<br>' CLEANING                            | 4<br>19.75<br>13.00-30.00<br>, WITHOUT BA   | 13<br>18.54<br>12.00-30.00<br>15<br>ND APPLICATO   | 21<br>19.69<br>10.00-30.00<br>20<br>OR, PER ACRE  | 16.17<br>16.75-35.00           | 16.17<br>14.00-22.00                                       | 15.83<br>11.00-20.00<br>15  | 18.31<br>8.00-35.00<br>15   |
| Range<br>Most Common<br>PLANTING ROW CRO<br>Number Reporting   | 3<br>15.50<br>13.50-19.00  | #<br>-<br>-  | 4<br>19.75<br>13.00-30.00<br>, WITHOUT BA   | 13<br>18.54<br>12.00-30.00<br>15<br>ND APPLICATO   | 21<br>19.69<br>10.00-30.00<br>20<br>DR, PER ACRE<br>15  | 16.17<br>16.75-35.00           | 16.17<br>14.00-22.00                                       | 15.83<br>11.00-20.00<br>15  | 18.31<br>8.00-35.00<br>15   |
| Range<br>Most Common<br>PLANTING ROW CRO<br>Number Reporting<br>Average Rate   | 3<br>15.50<br>13.50-19.00<br>DPS, WITH ROW   | #<br>-<br>-<br>' CLEANING                            | 4<br>19.75<br>13.00-30.00<br>WITHOUT BA<br>6<br>17.50   | 13<br>18.54<br>12.00-30.00<br>15<br>ND APPLICATO<br>8<br>14.13   | 21<br>19.69<br>10.00-30.00<br>20<br>DR, PER ACRE<br>15<br>18.23                               | 16.17<br>16.75-35.00           | 16.17<br>14.00-22.00<br>3<br>16.50                         | 15.83<br>11.00-20.00<br>15<br>13<br>17.19                               | 18.31<br>8.00-35.00<br>15<br>46<br>17.03  |
| Range<br>Most Common<br>PLANTING ROW CRO<br>Number Reporting<br>Average Rate<br>Range  | 3<br>15.50<br>13.50-19.00<br>DPS, WITH ROW   | #<br>-<br>-<br>' CLEANING                            | 4<br>19.75<br>13.00-30.00<br>, WITHOUT BA   | 13<br>18.54<br>12.00-30.00<br>15<br>ND APPLICATO<br>8<br>14.13<br>11-16  | 21<br>19.69<br>10.00-30.00<br>20<br>DR, PER ACRE<br>15<br>18.23<br>10-30                      | 16.17<br>16.75-35.00           | 16.17<br>14.00-22.00                                       | 15.83<br>11.00-20.00<br>15<br>13<br>17.19<br>12-30                      | 18.31<br>8.00-35.00<br>15<br>46<br>17.03<br>10-30   |
| Range Most Common PLANTING ROW CRO Number Reporting Average Rate Range Most Common   | 3<br>15.50<br>13.50-19.00<br>PPS, WITH ROW<br>#<br>-<br>-  | #<br>-<br>-<br>CLEANING<br>#<br>-<br>-               | 4<br>19.75<br>13.00-30.00<br>5, WITHOUT BA<br>6<br>17.50<br>11-27   | 13<br>18.54<br>12.00-30.00<br>15<br>ND APPLICATO<br>8<br>14.13<br>11-16<br>15  | 21<br>19.69<br>10.00-30.00<br>20<br>DR, PER ACRE<br>15<br>18.23                               | 16.17<br>16.75-35.00           | 16.17<br>14.00-22.00<br>3<br>16.50                         | 15.83<br>11.00-20.00<br>15<br>13<br>17.19                               | 18.31<br>8.00-35.00<br>15<br>46<br>17.03  |
| Range Most Common PLANTING ROW CRO Number Reporting Average Rate Range Most Common PLANTING ROW CRO  | 3<br>15.50<br>13.50-19.00<br>PS, WITH ROW<br>#<br>-<br>-<br>-<br>OPS, LISTER, WIT  | #<br>-<br>-<br>CLEANING<br>#<br>-<br>-<br>TH BAND AI | 4<br>19.75<br>13.00-30.00<br>5, WITHOUT BA<br>6<br>17.50<br>11-27   | 13<br>18.54<br>12.00-30.00<br>15<br>ND APPLICATO<br>8<br>14.13<br>11-16<br>15  | 21<br>19.69<br>10.00-30.00<br>20<br>DR, PER ACRE<br>15<br>18.23<br>10-30<br>15                | 16.17<br>16.75-35.00           | 16.17<br>14.00-22.00<br>3<br>16.50<br>12-22                | 15.83<br>11.00-20.00<br>15<br>13<br>17.19<br>12-30<br>15                | 18.31<br>8.00-35.00<br>15<br>46<br>17.03<br>10-30   |
| Range Most Common PLANTING ROW CRO Number Reporting Average Rate Range Most Common PLANTING ROW CRO Number Reporting   | 3<br>15.50<br>13.50-19.00<br>PPS, WITH ROW<br>#<br>-<br>-  | #<br>-<br>-<br>CLEANING<br>#<br>-<br>-               | 4<br>19.75<br>13.00-30.00<br>5, WITHOUT BA<br>6<br>17.50<br>11-27   | 13<br>18.54<br>12.00-30.00<br>15<br>ND APPLICATO<br>8<br>14.13<br>11-16<br>15  | 21<br>19.69<br>10.00-30.00<br>20<br>DR, PER ACRE<br>15<br>18.23<br>10-30                      | 16.17<br>16.75-35.00           | 16.17<br>14.00-22.00<br>3<br>16.50                         | 15.83<br>11.00-20.00<br>15<br>13<br>17.19<br>12-30                      | 18.31<br>8.00-35.00<br>15<br>46<br>17.03<br>10-30<br>15   |
| Range Most Common PLANTING ROW CRO Number Reporting Average Rate Range Most Common PLANTING ROW CRO Number Reporting Average Rate  | 3<br>15.50<br>13.50-19.00<br>PS, WITH ROW<br>#<br>-<br>-<br>-<br>OPS, LISTER, WIT  | #<br>-<br>-<br>CLEANING<br>#<br>-<br>-<br>TH BAND AI | 4<br>19.75<br>13.00-30.00<br>5, WITHOUT BA<br>6<br>17.50<br>11-27   | 13<br>18.54<br>12.00-30.00<br>15<br>ND APPLICATO<br>8<br>14.13<br>11-16<br>15  | 21<br>19.69<br>10.00-30.00<br>20<br>DR, PER ACRE<br>15<br>18.23<br>10-30<br>15                | 16.17<br>16.75-35.00<br>#<br>- | 16.17<br>14.00-22.00<br>3<br>16.50<br>12-22                | 15.83<br>11.00-20.00<br>15<br>13<br>17.19<br>12-30<br>15                | 18.31<br>8.00-35.00<br>15<br>46<br>17.03<br>10-30<br>15   |
| Range Most Common PLANTING ROW CRO Number Reporting Average Rate Range Most Common PLANTING ROW CRO Number Reporting Average Rate Range  | 3<br>15.50<br>13.50-19.00<br>PS, WITH ROW<br>#<br>-<br>-<br>-<br>OPS, LISTER, WIT  | #<br>-<br>-<br>CLEANING<br>#<br>-<br>-<br>TH BAND AI | 4<br>19.75<br>13.00-30.00<br>5, WITHOUT BA<br>6<br>17.50<br>11-27   | 13<br>18.54<br>12.00-30.00<br>15<br>ND APPLICATO<br>8<br>14.13<br>11-16<br>15  | 21<br>19.69<br>10.00-30.00<br>20<br>DR, PER ACRE<br>15<br>18.23<br>10-30<br>15                | 16.17<br>16.75-35.00<br>#<br>- | 16.17<br>14.00-22.00<br>3<br>16.50<br>12-22                | 15.83<br>11.00-20.00<br>15<br>13<br>17.19<br>12-30<br>15                | 18.31<br>8.00-35.00<br>15<br>46<br>17.03<br>10-30<br>15   |
| Range Most Common PLANTING ROW CRO Number Reporting Average Rate Range Most Common PLANTING ROW CRO Number Reporting Average Rate Range Most Common  | 3<br>15.50<br>13.50-19.00<br>PPS, WITH ROW<br>#<br>-<br>-<br>-<br>PPS, LISTER, WITH<br>#<br>-  | # CLEANING # TH BAND AI #                            | 4<br>19.75<br>13.00-30.00<br>5, WITHOUT BA<br>6<br>17.50<br>11-27<br>PPLICATOR, PEI<br>#<br>-                     | 13<br>18.54<br>12.00-30.00<br>15<br>ND APPLICATO<br>8<br>14.13<br>11-16<br>15<br>R ACRE                                    | 21<br>19.69<br>10.00-30.00<br>20<br>DR, PER ACRE<br>15<br>18.23<br>10-30<br>15                | 16.17<br>16.75-35.00<br>#<br>- | 16.17<br>14.00-22.00<br>3<br>16.50<br>12-22                | 15.83<br>11.00-20.00<br>15<br>13<br>17.19<br>12-30<br>15                | 18.31<br>8.00-35.00<br>15<br>46<br>17.03<br>10-30<br>15   |
| Range Most Common PLANTING ROW CRO Number Reporting Average Rate Range Most Common PLANTING ROW CRO Number Reporting Average Rate Range Most Common PLANTING ROW CRO Number Reporting Average Rate Range Most Common PLANTING ROW CRO  | 3<br>15.50<br>13.50-19.00<br>PPS, WITH ROW<br>#<br>-<br>-<br>-<br>-<br>-<br>   | # CLEANING # IH BAND AI # THOUT BAN                  | 4<br>19.75<br>13.00-30.00<br>7, WITHOUT BA<br>6<br>17.50<br>11-27<br>PPLICATOR, PEI<br>#<br>-                     | 13<br>18.54<br>12.00-30.00<br>15<br>ND APPLICATO<br>8<br>14.13<br>11-16<br>15<br>R ACRE                                    | 21<br>19.69<br>10.00-30.00<br>20<br>DR, PER ACRE<br>15<br>18.23<br>10-30<br>15                | #                              | 16.17<br>14.00-22.00<br>3<br>16.50<br>12-22                | 15.83<br>11.00-20.00<br>15<br>13<br>17.19<br>12-30<br>15                | 18.31<br>8.00-35.00<br>15<br>46<br>17.03<br>10-30<br>15<br>6<br>18.83<br>15-25  |
| Range Most Common PLANTING ROW CRO Number Reporting Average Rate Range Most Common PLANTING ROW CRO Number Reporting Average Rate Range Most Common PLANTING ROW CRO Number Reporting Average Rate Range Most Common PLANTING ROW CRO Number Reporting   | 3<br>15.50<br>13.50-19.00<br>PPS, WITH ROW<br>#<br>-<br>-<br>-<br>PPS, LISTER, WITH<br>#<br>-  | # CLEANING # TH BAND AI #                            | 4<br>19.75<br>13.00-30.00<br>5, WITHOUT BA<br>6<br>17.50<br>11-27<br>PPLICATOR, PEI<br>#<br>-                     | 13<br>18.54<br>12.00-30.00<br>15<br>ND APPLICATO<br>8<br>14.13<br>11-16<br>15<br>R ACRE                                    | 21<br>19.69<br>10.00-30.00<br>20<br>DR, PER ACRE<br>15<br>18.23<br>10-30<br>15                | 16.17<br>16.75-35.00<br>#<br>- | 16.17<br>14.00-22.00<br>3<br>16.50<br>12-22                | 15.83<br>11.00-20.00<br>15<br>13<br>17.19<br>12-30<br>15                | 18.31<br>8.00-35.00<br>15<br>46<br>17.03<br>10-30<br>15<br>6<br>18.83<br>15-25  |
| Range Most Common PLANTING ROW CRC Number Reporting Average Rate Range Most Common PLANTING ROW CRC Number Reporting Average Rate Range Most Common PLANTING ROW CRC Number Reporting Average Rate Range Most Common PLANTING ROW CRC Number Reporting Average Rate  | 3<br>15.50<br>13.50-19.00<br>PPS, WITH ROW<br>#<br>-<br>-<br>-<br>-<br>-<br>   | # CLEANING # IH BAND AI # THOUT BAN                  | 4<br>19.75<br>13.00-30.00<br>7, WITHOUT BA<br>6<br>17.50<br>11-27<br>PPLICATOR, PEI<br>#<br>-                     | 13<br>18.54<br>12.00-30.00<br>15<br>ND APPLICATO<br>8<br>14.13<br>11-16<br>15<br>R ACRE                                    | 21<br>19.69<br>10.00-30.00<br>20<br>DR, PER ACRE<br>15<br>18.23<br>10-30<br>15                | #                              | 16.17<br>14.00-22.00<br>3<br>16.50<br>12-22                | 15.83<br>11.00-20.00<br>15<br>13<br>17.19<br>12-30<br>15                | 18.31<br>8.00-35.00<br>15<br>46<br>17.03<br>10-30<br>15<br>6<br>18.83<br>15-25<br>-                                   |
| Range Most Common PLANTING ROW CRO Number Reporting Average Rate Range Most Common PLANTING ROW CRO Number Reporting Average Rate Range Most Common PLANTING ROW CRO Number Reporting Average Rate Range Most Common PLANTING ROW CRO Number Reporting Average Rate Range  | 3<br>15.50<br>13.50-19.00<br>PPS, WITH ROW<br>#<br>-<br>-<br>-<br>-<br>-<br>   | # CLEANING # IH BAND AI # THOUT BAN                  | 4<br>19.75<br>13.00-30.00<br>7, WITHOUT BA<br>6<br>17.50<br>11-27<br>PPLICATOR, PEI<br>#<br>-                     | 13<br>18.54<br>12.00-30.00<br>15<br>ND APPLICATO<br>8<br>14.13<br>11-16<br>15<br>R ACRE                                    | 21<br>19.69<br>10.00-30.00<br>20<br>DR, PER ACRE<br>15<br>18.23<br>10-30<br>15                | #                              | 16.17<br>14.00-22.00<br>3<br>16.50<br>12-22                | 15.83<br>11.00-20.00<br>15<br>13<br>17.19<br>12-30<br>15                | 18.31<br>8.00-35.00<br>15<br>46<br>17.03<br>10-30<br>15<br>6<br>18.83<br>15-25<br>-<br>6<br>17.67<br>13-20            |
| Range Most Common PLANTING ROW CRC Number Reporting Average Rate Range Most Common PLANTING ROW CRC Number Reporting Average Rate Range Most Common PLANTING ROW CRC Number Reporting Average Rate Range Most Common PLANTING ROW CRC Number Reporting Average Rate Range Most Common  | 3<br>15.50<br>13.50-19.00<br>PPS, WITH ROW<br>#<br>-<br>-<br>-<br>PPS, LISTER, WITH<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>- | # CLEANING # IH BAND AI # THOUT BAN                  | 4<br>19.75<br>13.00-30.00<br>7, WITHOUT BA<br>6<br>17.50<br>11-27<br>PPLICATOR, PEI<br>#<br>-                     | 13<br>18.54<br>12.00-30.00<br>15<br>ND APPLICATO<br>8<br>14.13<br>11-16<br>15<br>R ACRE                                    | 21<br>19.69<br>10.00-30.00<br>20<br>DR, PER ACRE<br>15<br>18.23<br>10-30<br>15                | #                              | 16.17<br>14.00-22.00<br>3<br>16.50<br>12-22                | 15.83<br>11.00-20.00<br>15<br>13<br>17.19<br>12-30<br>15                | 18.31<br>8.00-35.00<br>15<br>46<br>17.03<br>10-30<br>15<br>6<br>18.83<br>15-25<br>-                                   |
| Range Most Common PLANTING ROW CRC Number Reporting Average Rate Range Most Common PLANTING ROW CRC Number Reporting Average Rate Range Most Common PLANTING ROW CRC Number Reporting Average Rate Range Most Common PLANTING ROW CRC Number Reporting Average Rate Range Most Common  | 3<br>15.50<br>13.50-19.00<br>PPS, WITH ROW<br>#<br>-<br>-<br>-<br>PPS, LISTER, WITH<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>- | # CLEANING # IH BAND AI # THOUT BAN                  | 4<br>19.75<br>13.00-30.00<br>7, WITHOUT BA<br>6<br>17.50<br>11-27<br>PPLICATOR, PEI<br>#<br>-                     | 13<br>18.54<br>12.00-30.00<br>15<br>ND APPLICATO<br>8<br>14.13<br>11-16<br>15<br>R ACRE                                    | 21<br>19.69<br>10.00-30.00<br>20<br>DR, PER ACRE<br>15<br>18.23<br>10-30<br>15                | #                              | 16.17<br>14.00-22.00<br>3<br>16.50<br>12-22                | 15.83<br>11.00-20.00<br>15<br>13<br>17.19<br>12-30<br>15                | 18.31<br>8.00-35.00<br>15<br>46<br>17.03<br>10-30<br>15<br>6<br>18.83<br>15-25<br>-<br>6<br>17.67<br>13-20            |
| Range Most Common PLANTING ROW CRC Number Reporting Average Rate Range Most Common PLANTING ROW CRC Number Reporting Average Rate Range Most Common PLANTING ROW CRC Number Reporting Average Rate Range Most Common PLANTING ROW CRC Number Reporting Average Rate Range Most Common HAYING AND BA  | 3<br>15.50<br>13.50-19.00<br>PPS, WITH ROW<br>#<br>-<br>-<br>-<br>PPS, LISTER, WITH<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>- | # CLEANING # IH BAND AI # THOUT BAN                  | 4<br>19.75<br>13.00-30.00<br>7, WITHOUT BA<br>6<br>17.50<br>11-27<br>PPLICATOR, PEI<br>#<br>-                     | 13<br>18.54<br>12.00-30.00<br>15<br>ND APPLICATO<br>8<br>14.13<br>11-16<br>15<br>R ACRE                                    | 21<br>19.69<br>10.00-30.00<br>20<br>DR, PER ACRE<br>15<br>18.23<br>10-30<br>15                | #                              | 16.17<br>14.00-22.00<br>3<br>16.50<br>12-22                | 15.83<br>11.00-20.00<br>15<br>13<br>17.19<br>12-30<br>15                | 18.31<br>8.00-35.00<br>15<br>46<br>17.03<br>10-30<br>15<br>6<br>18.83<br>15-25<br>-<br>6<br>17.67<br>13-20            |
| Range Most Common PLANTING ROW CRC Number Reporting Average Rate Range Most Common PLANTING ROW CRC Number Reporting Average Rate Range Most Common PLANTING ROW CRC Number Reporting Average Rate Range Most Common PLANTING ROW CRC Number Reporting Average Rate Range Most Common HAYING AND BA MOWING, PER ACRE                               | 3<br>15.50<br>13.50-19.00<br>PPS, WITH ROW<br>#<br>-<br>-<br>-<br>PPS, LISTER, WITH<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>- | # CLEANING # IH BAND AI # THOUT BAN                  | 4<br>19.75<br>13.00-30.00<br>7, WITHOUT BA<br>6<br>17.50<br>11-27<br>PPLICATOR, PEI<br>#<br>-                     | 13<br>18.54<br>12.00-30.00<br>15<br>ND APPLICATO<br>8<br>14.13<br>11-16<br>15<br>R ACRE                                    | 21<br>19.69<br>10.00-30.00<br>20<br>DR, PER ACRE<br>15<br>18.23<br>10-30<br>15                | #                              | 16.17<br>14.00-22.00<br>3<br>16.50<br>12-22                | 15.83<br>11.00-20.00<br>15<br>13<br>17.19<br>12-30<br>15                | 18.31<br>8.00-35.00<br>15<br>46<br>17.03<br>10-30<br>15<br>6<br>18.83<br>15-25<br>-<br>6<br>17.67<br>13-20            |
| Range Most Common PLANTING ROW CRO Number Reporting Average Rate Range Most Common PLANTING ROW CRO Number Reporting Average Rate Range Most Common PLANTING ROW CRO Number Reporting Average Rate Range Most Common PLANTING ROW CRO Number Reporting Average Rate Range  | 3<br>15.50<br>13.50-19.00<br>PS, WITH ROW<br>#<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-   | # CLEANING # TH BAND AI # THOUT BAN #                | 4<br>19.75<br>13.00-30.00<br>13.00-30.00<br>14.50<br>11-27<br>PPLICATOR, PEI<br>#<br>-<br>-<br>ND APPLICATOR<br># | 13<br>18.54<br>12.00-30.00<br>15<br>ND APPLICATO<br>8<br>14.13<br>11-16<br>15<br>R ACRE<br>#<br>-<br>-<br>-<br>R, PER ACRE | 21<br>19.69<br>10.00-30.00<br>20<br>DR, PER ACRE<br>15<br>18.23<br>10-30<br>15                | # # # # # #                    | 16.17<br>14.00-22.00<br>3<br>16.50<br>12-22<br>#<br>-<br>- | 15.83<br>11.00-20.00<br>15<br>13<br>17.19<br>12-30<br>15<br>#<br>-<br>- | 18.31<br>8.00-35.00<br>15<br>46<br>17.03<br>10-30<br>15<br>6<br>18.83<br>15-25<br>-<br>-<br>6<br>17.67<br>13-20<br>20 |
| Range Most Common PLANTING ROW CRC Number Reporting Average Rate Range Most Common PLANTING ROW CRC Number Reporting Average Rate Range Most Common PLANTING ROW CRC Number Reporting Average Rate Range Most Common PLANTING ROW CRC Number Reporting Average Rate Range Most Common HAYING AND BA MOWING, PER ACRE Number Reporting              | 3<br>15.50<br>13.50-19.00<br>PS, WITH ROW<br>#<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-   | # CLEANING # TH BAND AI # THOUT BAN #                | 4<br>19.75<br>13.00-30.00<br>13.00-30.00<br>14.50<br>11-27<br>PPLICATOR, PEI<br>#<br>-<br>-<br>ND APPLICATOR<br># | 13<br>18.54<br>12.00-30.00<br>15<br>ND APPLICATO<br>8<br>14.13<br>11-16<br>15<br>R ACRE<br>#<br>-<br>-<br>-<br>R, PER ACRE | 21<br>19.69<br>10.00-30.00<br>20<br>DR, PER ACRE<br>15<br>18.23<br>10-30<br>15<br>#<br>-      | # # # # # #                    | 16.17<br>14.00-22.00<br>3<br>16.50<br>12-22<br>#<br>-<br>- | 15.83<br>11.00-20.00<br>15<br>13<br>17.19<br>12-30<br>15<br>#<br>-<br>- | 18.31<br>8.00-35.00<br>15<br>46<br>17.03<br>10-30<br>15<br>6<br>18.83<br>15-25<br>-<br>-<br>6<br>17.67<br>13-20<br>20 |
| Range Most Common PLANTING ROW CRC Number Reporting Average Rate Range Most Common PLANTING ROW CRC Number Reporting Average Rate Range Most Common PLANTING ROW CRC Number Reporting Average Rate Range Most Common PLANTING ROW CRC Number Reporting Average Rate Range Most Common HAYING AND BA MOWING, PER ACRE Number Reporting Average Rate | 3<br>15.50<br>13.50-19.00<br>PS, WITH ROW<br>#<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-   | # CLEANING # TH BAND AI # THOUT BAN #                | 4<br>19.75<br>13.00-30.00<br>13.00-30.00<br>14.50<br>11-27<br>PPLICATOR, PEI<br>#<br>-<br>-<br>ND APPLICATOR<br># | 13<br>18.54<br>12.00-30.00<br>15<br>ND APPLICATO<br>8<br>14.13<br>11-16<br>15<br>R ACRE<br>#<br>-<br>-<br>-<br>R, PER ACRE | 21<br>19.69<br>10.00-30.00<br>20<br>DR, PER ACRE<br>15<br>18.23<br>10-30<br>15<br>#<br>-<br>- | # # # # # #                    | 16.17<br>14.00-22.00<br>3<br>16.50<br>12-22<br>#<br>-<br>- | 15.83<br>11.00-20.00<br>15<br>13<br>17.19<br>12-30<br>15<br>#<br>-<br>- | 18.31<br>8.00-35.00<br>15<br>46<br>17.03<br>10-30<br>15<br>6<br>18.83<br>15-25<br>-<br>6<br>17.67<br>13-20<br>20      |

<sup>#</sup> Too few responses to publish

|   | NW   | N  | NE   | С   | E  | SW                                   | S                          | SE   | STATE   |
|---|--|--|--|---|--|--------------------------------------|----------------------------|--|---|
| RAKING, PER ACRE  |  |  |  |   |  |                                      |                            |  |   |
| Number Reporting  | #  | 4  | 6  | 6   | 13   | #                                    | #                          | 13   | 45  |
| Average Rate  | -  | 5.00   | 3.83   | 6.00  | 5.85   | =                                    | U.T.                       | 5.08   | 5.27  |
| Range   | 20   | 4.00-6.00  | 2.00-5.00  | 3.00-10.00                                    | 2.00-15.00   | -                                    | 1020                       | 2.50-10.00   | 2.00-15.00  |
| Most Common   |  | 5  | 5  | 5   | 5  |                                      |                            | 4  | 5   |
| MOWING AND RAKIN  |  |  |  |   |  |                                      |                            |  |   |
| Number Reporting  | #  | #  | 3  | #   | 4  | #                                    | #                          | #  | 12  |
| Average Rate  | -  | 5  | 10.67  |   | 19.00  | -                                    | 2.51                       | 10.75  | 14.83   |
| Range   | _  | =  | 6-16   | -   | 15-25  | -                                    | -                          | -  | 6-25  |
| Most Common   |  |  |  |   | 15   |                                      |                            |  | 15  |
| SWATHING WITH CRU   |  |  | OUR  |   |  |                                      |                            |  |   |
| Number Reporting  | #  | #  | #  | 3   | #  | #                                    | #                          | 17   | 24  |
| Average Rate  | -  | -  | 1.0  | 140.00  | -  | -                                    | ( <del>-</del> )           | 109.12   | 110.50  |
| Range   | 8  | 5 <u>11</u>  | -  | 100-200                                       | =  | 0.54                                 | -                          | 50-180   | 30-200  |
| Most Common   |  |  |  |   |  |                                      |                            | 100  | 100   |
| SWATHING WITH CRU   | JSHING/CRIN  | MPING, PER AC  | CRE  |   |  |                                      |                            |  |   |
| Number Reporting  | 4  | #  | 10   | 9   | 23   | #                                    | #                          | 25   | 76  |
| Average Rate  | 14.50  | -  | 12.10  | 15.56   | 14.00  | :=:                                  | (#E                        | 12.76  | 13.66   |
| Range   | 12-18  | -  | 8-17   | 14-20   | 10-18  | -                                    | -                          | 10-15  | 8-20  |
| Most Common   | 12   |  | 12   | 15  | 15   |                                      |                            | 12   | 12  |
| SWATHING WITHOUT  |  | CRIMPING, PE   |  |   |  |                                      |                            |  |   |
| Number Reporting  | #  | #  | #  | #   | #  | #                                    | #                          | #  | 3   |
| Average Rate  | -  | -  | ( <del>-</del> )   | 27  | 2  | -                                    | 20                         | -  | 60.00   |
| Range   | =  |  | .=   | **  | -  | -                                    | -                          | -  | 30-75   |
| Most Common   |  |  |  |   |  |                                      |                            |  | 75  |
| SWATHING WITHOUT  | CRUSHING/  | CRIMPING, PE   | R ACRE   |   |  |                                      |                            |  |   |
| Number Reporting  | 4  | #  | #  | #   | 3  | #                                    | #                          | #  | 11  |
| Average Rate  | 13.50  | -  | V 4  | =   | 16.00  | -                                    | 20                         |  | 13.73   |
| Range   | 10-18  | ( <del>-</del> )   | -  | =   | 15-18  | -                                    | -                          | -  | 10-18   |
| Most Common   |  |  |  |   | 15   |                                      |                            |  | 15  |
| BALING SMALL SQUA   |  |  |  |   |  |                                      |                            | . 90   |   |
| Number Reporting  | #  | #  | 3  | 3   | 11   | #                                    | #                          | 7  | 24  |
| Average Rate  | 34   | -  | 0.65   | 1.33  | 1.27   | -                                    | 2                          | 1.11   | 1.15  |
| Range   |  |  | 0.60 - 0.75  | 1.00-2.00                                     | 0.70-5.00  | -                                    | -                          | 0.50-2.00  | 0.50-5.00   |
| lv  | -  | (**)   | 000000 0000000   |   | 1  |                                      |                            |  |   |
| Most Common   | -  |  | 0.60   | 1   |  |                                      |                            | 1  | 1   |
| BALING SMALL SQUA   |  |  | AVERAGE LBS/   | BALE = 64.5), I                               | PER BALE   |                                      |                            |  |   |
| BALING SMALL SQUA<br>Number Reporting   | -<br>RE BALES WIT  | TH WIRE TIE, (   |  |   | PER BALE 7   | #                                    | #                          | 4  | 13  |
| BALING SMALL SQUA<br>Number Reporting<br>Average Rate   |  |  | AVERAGE LBS/   | BALE = 64.5), I                               | 7<br>1.50  | #                                    | #                          | 4<br>0.74  | 13<br>1.23  |
| BALING SMALL SQUA<br>Number Reporting<br>Average Rate<br>Range  |  |  | AVERAGE LBS/   | BALE = 64.5), I                               | PER BALE  7  1.50  0.50-5.00   | # -                                  | # -                        | 4<br>0.74<br>0.60-1.00   | 13<br>1.23<br>0.50-5.00   |
| BALING SMALL SQUA<br>Number Reporting<br>Average Rate<br>Range<br>Most Common   | #<br>-<br>-  | #<br>-<br>-  | AVERAGE LBS/<br>#<br>-<br>-  | /BALE = 64.5), I<br>#<br>-<br>-               | 7<br>1.50  | #                                    | # -                        | 4<br>0.74  | 13<br>1.23  |
| BALING SMALL SQUA<br>Number Reporting<br>Average Rate<br>Range<br>Most Common<br>BALING LARGE SQUAL   | #<br>-<br>-<br>RE BALES, (AV   | #<br>-<br>-<br>VERAGE LBS/BA   | AVERAGE LBS, # ALE = 1362), PE   | /BALE = 64.5), I<br>#<br>-<br>-<br>R BALE     | 7<br>1.50<br>0.50-5.00<br>1  | -                                    | -                          | 4<br>0.74<br>0.60-1.00<br>0.60   | 13<br>1.23<br>0.50-5.00<br>1  |
| BALING SMALL SQUAL Number Reporting Average Rate Range Most Common BALING LARGE SQUAL Number Reporting  | #<br>-<br>-  | #<br>-<br>-  | AVERAGE LBS/<br>#<br>-<br>-  | /BALE = 64.5), I<br>#<br>-<br>-               | PER BALE 7 1.50 0.50-5.00 1  | #<br>-<br>-                          | #                          | 4<br>0.74<br>0.60-1.00<br>0.60   | 13<br>1.23<br>0.50-5.00<br>1  |
| BALING SMALL SQUAR<br>Number Reporting<br>Average Rate<br>Range<br>Most Common<br>BALING LARGE SQUAR<br>Number Reporting<br>Average Rate  | #<br>-<br>-<br>RE BALES, (AV   | #<br>-<br>-<br>VERAGE LBS/BA   | AVERAGE LBS, # ALE = 1362), PE   | /BALE = 64.5), I<br>#<br>-<br>-<br>R BALE     | 7<br>1.50<br>0.50-5.00<br>1<br>7<br>11.29  | -                                    | -                          | 4<br>0.74<br>0.60-1.00<br>0.60   | 13<br>1.23<br>0.50-5.00<br>1<br>20<br>13.00   |
| BALING SMALL SQUAL Number Reporting Average Rate Range Most Common BALING LARGE SQUAL Number Reporting Average Rate Range   | #<br>-<br>-<br>RE BALES, (AV   | #<br>-<br>-<br>VERAGE LBS/BA   | AVERAGE LBS, # ALE = 1362), PE   | /BALE = 64.5), I<br>#<br>-<br>-<br>R BALE     | PER BALE  7 1.50 0.50-5.00 1  7 11.29 8-13   | -                                    | -                          | 4<br>0.74<br>0.60-1.00<br>0.60<br>8<br>14.00<br>13-16  | 13<br>1.23<br>0.50-5.00<br>1<br>20<br>13.00<br>8-20   |
| BALING SMALL SQUAR<br>Number Reporting<br>Average Rate<br>Range<br>Most Common<br>BALING LARGE SQUAR<br>Number Reporting<br>Average Rate<br>Range<br>Most Common  | #<br>-<br>-<br>RE BALES, (AV<br>#<br>-<br>-  | #<br>-<br>-<br>VERAGE LBS/BA<br>#<br>-<br>-                                | #  | #   | 7 1.50 0.50-5.00 1 7 11.29 8-13 12   | -<br>-<br>#<br>-<br>-                | -                          | 4<br>0.74<br>0.60-1.00<br>0.60   | 13<br>1.23<br>0.50-5.00<br>1<br>20<br>13.00   |
| BALING SMALL SQUAL Number Reporting Average Rate Range Most Common BALING LARGE SQUAL Number Reporting Average Rate Range Most Common BALING LARGE ROUN   | # RE BALES, (AV # D BALES WIT  | #<br>-<br>-<br>VERAGE LBS/BA<br>#<br>-<br>-<br>-<br>THOUT NET W            | AVERAGE LBS/ # ALE = 1362), PE # RAP, (AVERAG  | # R BALE # E LBS/BALE = 1                     | PER BALE  7 1.50 0.50-5.00 1  7 11.29 8-13 12 .539), PER BALE  | -<br>-<br>#<br>-                     | -<br>-<br>#<br>-           | 4<br>0.74<br>0.60-1.00<br>0.60<br>8<br>14.00<br>13-16<br>13  | 13<br>1.23<br>0.50-5.00<br>1<br>20<br>13.00<br>8-20<br>13   |
| BALING SMALL SQUAL Number Reporting Average Rate Range Most Common BALING LARGE SQUAL Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting  | # RE BALES, (AV # D BALES WIT  | #<br>-<br>-<br>VERAGE LBS/BA<br>#<br>-<br>-                                | AVERAGE LBS, # ALE = 1362), PE # RAP, (AVERAG  | # R BALE # E LBS/BALE = 1                     | PER BALE  7 1.50 0.50-5.00 1  7 11.29 8-13 12 .539), PER BALE  | -<br>-<br>#<br>-<br>-                | -                          | 4<br>0.74<br>0.60-1.00<br>0.60<br>8<br>14.00<br>13-16<br>13  | 13<br>1.23<br>0.50-5.00<br>1<br>20<br>13.00<br>8-20<br>13   |
| BALING SMALL SQUAL Number Reporting Average Rate Range Most Common BALING LARGE SQUAL Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range Average Rate  | # RE BALES, (AV # D BALES WIT 3 11.83  | #<br>-<br>-<br>VERAGE LBS/BA<br>#<br>-<br>-<br>-<br>THOUT NET W            | #  | # R BALE # E LBS/BALE = 1 1.80                | PER BALE  7 1.50 0.50-5.00 1  7 11.29 8-13 12 12,539), PER BALE 12 11.33   | -<br>-<br>#<br>-                     | -<br>-<br>#<br>-           | 4<br>0.74<br>0.60-1.00<br>0.60<br>8<br>14.00<br>13-16<br>13  | 13<br>1.23<br>0.50-5.00<br>1<br>20<br>13.00<br>8-20<br>13   |
| BALING SMALL SQUAL Number Reporting Average Rate Range Most Common BALING LARGE SQUAL Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range   | # RE BALES, (AV # D BALES WIT  | #<br>-<br>-<br>VERAGE LBS/BA<br>#<br>-<br>-<br>-<br>THOUT NET W            | #  | # R BALE # E LBS/BALE = 1 5 11.80 10.00-15.00 | PER BALE  7 1.50 0.50-5.00 1  7 11.29 8-13 12 539), PER BALE 12 11.33 2.00-15.00   | -<br>-<br>#<br>-                     | -<br>-<br>#<br>-           | 4<br>0.74<br>0.60-1.00<br>0.60<br>8<br>14.00<br>13-16<br>13  | 13<br>1.23<br>0.50-5.00<br>1<br>20<br>13.00<br>8-20<br>13<br>38<br>12.08<br>2.00-17.50                                    |
| BALING SMALL SQUAL Number Reporting Average Rate Range Most Common BALING LARGE SQUAL Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range Most Common   | # RE BALES, (AV # D BALES WIT 3 11.83 9.50-15.00   | #  | # ALE = 1362), PE # RAP, (AVERAG 5 12.20 11.00-15.00 11  | #   | PER BALE  7 1.50 0.50-5.00 1  7 11.29 8-13 12 539), PER BALE 12 11.33 2.00-15.00 12  | -<br>-<br>#<br>-                     | -<br>-<br>#<br>-           | 4<br>0.74<br>0.60-1.00<br>0.60<br>8<br>14.00<br>13-16<br>13  | 13<br>1.23<br>0.50-5.00<br>1<br>20<br>13.00<br>8-20<br>13   |
| BALING SMALL SQUAL Number Reporting Average Rate Range Most Common BALING LARGE SQUAL Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range Most Common BALING LARGE ROUN   | # RE BALES, (AV # D BALES WIT 3 11.83 9.50-15.00 D BALES WIT                               | # VERAGE LBS/BA # THOUT NET W # TH NET WRAR,                               | # ALE = 1362), PE # RAP, (AVERAG 5 12.20 11.00-15.00 11 (AVERAGE LBS)                                | #   | PER BALE  7 1.50 0.50-5.00 1  7 11.29 8-13 12 12 11.33 2.00-15.00 12 PER BALE  | #<br>-<br>-<br>-                     | #<br>-<br>-<br>-<br>#<br>- | 4<br>0.74<br>0.60-1.00<br>0.60<br>8<br>14.00<br>13-16<br>13<br>11<br>12.45<br>10.00-15.00                                      | 13<br>1.23<br>0.50-5.00<br>1<br>20<br>13.00<br>8-20<br>13<br>38<br>12.08<br>2.00-17.50<br>12                              |
| BALING SMALL SQUAL Number Reporting Average Rate Range Most Common BALING LARGE SQUAL Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting  | # RE BALES, (AV # D BALES WIT 3 11.83 9.50-15.00 D BALES WIT 3                             | #  | # ALE = 1362), PE # RAP, (AVERAG 5 12.20 11.00-15.00 11 (AVERAGE LBS)                                | #   | 7 1.50 0.50-5.00 1  7 11.29 8-13 12 12 133 2.00-15.00 12 PER BALE 16   | #<br>-<br>-<br>#<br>-                | -<br>-<br>#<br>-           | 4<br>0.74<br>0.60-1.00<br>0.60<br>8<br>14.00<br>13-16<br>13<br>11<br>12.45<br>10.00-15.00<br>12                                | 13<br>1.23<br>0.50-5.00<br>1<br>20<br>13.00<br>8-20<br>13<br>38<br>12.08<br>2.00-17.50<br>12                              |
| BALING SMALL SQUAL Number Reporting Average Rate Range Most Common BALING LARGE SQUAL Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate   | # RE BALES, (AV # ID BALES WIT 3 11.83 9.50-15.00 D BALES WIT 3 11.33                      | # CHOUT NET W # TH NET WRAP, 5 12.50                                       | # ALE = 1362), PE # RAP, (AVERAG 5 12.20 11.00-15.00 11 (AVERAGE LBS) 10 12.85                       | #   | 7 1.50 0.50-5.00 1  7 11.29 8-13 12 12 133 2.00-15.00 12 PER BALE 16 13.53   | #<br>-<br>-<br>-                     | #<br>-<br>-<br>-<br>#<br>- | 4<br>0.74<br>0.60-1.00<br>0.60<br>8<br>14.00<br>13-16<br>13<br>11<br>12.45<br>10.00-15.00<br>12                                | 13<br>1.23<br>0.50-5.00<br>1<br>20<br>13.00<br>8-20<br>13<br>38<br>12.08<br>2.00-17.50<br>12                              |
| BALING SMALL SQUAL Number Reporting Average Rate Range Most Common BALING LARGE SQUAL Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range   | # RE BALES, (AV # ID BALES WIT 3 11.83 9.50-15.00  D BALES WIT 3 11.33 11-12               | #  | # ALE = 1362), PE # RAP, (AVERAG 5 12.20 11.00-15.00 11 (AVERAGE LBS 10 12.85 9-20                   | #   | 7 1.50 0.50-5.00 1  7 11.29 8-13 12 .539), PER BALE 12 11.33 2.00-15.00 12 . PER BALE 16 13.53 9-18                                  | #<br>-<br>-<br>#<br>-                | #<br>-<br>-<br>-<br>#<br>- | 4<br>0.74<br>0.60-1.00<br>0.60<br>8<br>14.00<br>13-16<br>13<br>11<br>12.45<br>10.00-15.00<br>12<br>36<br>13.26<br>8-18         | 13<br>1.23<br>0.50-5.00<br>1<br>20<br>13.00<br>8-20<br>13<br>38<br>12.08<br>2.00-17.50<br>12<br>83<br>13.25<br>8-20       |
| BALING SMALL SQUAL Number Reporting Average Rate Range Most Common BALING LARGE SQUAL Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range Average Rate Range Most Common                              | # RE BALES, (AV # D BALES WIT 3 11.83 9.50-15.00  D BALES WIT 3 11.33 11-12 11             | # VERAGE LBS/BA # CHOUT NET W. # CH NET WRAP, 5 12.50 9-18.50              | #  | #   | 7 1.50 0.50-5.00 1 7 11.29 8-13 12 .539), PER BALE 12 11.33 2.00-15.00 12 , PER BALE 16 13.53 9-18 12                                | #<br>-<br>-<br>#<br>-                | #<br>-<br>-<br>-<br>#<br>- | 4<br>0.74<br>0.60-1.00<br>0.60<br>8<br>14.00<br>13-16<br>13<br>11<br>12.45<br>10.00-15.00<br>12                                | 13<br>1.23<br>0.50-5.00<br>1<br>20<br>13.00<br>8-20<br>13<br>38<br>12.08<br>2.00-17.50<br>12                              |
| BALING SMALL SQUAL Number Reporting Average Rate Range Most Common BALING LARGE SQUAL Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range Most Common BALING CORNSTALKS                               | # RE BALES, (AV # ID BALES WIT 3 11.83 9.50-15.00  D BALES WIT 3 11.33 11-12 11 WITH LARGE | # VERAGE LBS/BA # CHOUT NET W # TH NET WRAR, 5 12.50 9-18.50  E ROUND BALL | # NLE = 1362), PE # RAP, (AVERAG 5 12.20 11.00-15.00 11 (AVERAGE LBS 10 12.85 9-20 12 ER, (AVERAGE   | #   | 7 1.50 0.50-5.00 1  7 11.29 8-13 12 539), PER BALE 12 11.33 2.00-15.00 12 PER BALE 16 13.53 9-18 12 19), PER BALE                    | -<br>-<br>-<br>-<br>-<br>#<br>-<br>- | #<br>-<br>-<br>#<br>-<br>- | 4<br>0.74<br>0.60-1.00<br>0.60<br>8<br>14.00<br>13-16<br>13<br>11<br>12.45<br>10.00-15.00<br>12<br>36<br>13.26<br>8-18<br>13.5 | 13<br>1.23<br>0.50-5.00<br>1<br>20<br>13.00<br>8-20<br>13<br>38<br>12.08<br>2.00-17.50<br>12<br>83<br>13.25<br>8-20<br>12 |
| BALING SMALL SQUAL Number Reporting Average Rate Range Most Common BALING LARGE SQUAL Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range Most Common BALING CORNSTALKS Number Reporting              | # RE BALES, (AV # D BALES WIT 3 11.83 9.50-15.00  D BALES WIT 3 11.33 11-12 11             | # EHOUT NET W. # TH NET WRAP, 5 12.50 9-18.50 E ROUND BALL                 | # NLE = 1362), PE # RAP, (AVERAG 5 12.20 11.00-15.00 11 (AVERAGE LBS 10 12.85 9-20 12 ER, (AVERAGE 8 | #   | 7 1.50 0.50-5.00 1  7 11.29 8-13 12 539), PER BALE 12 11.33 2.00-15.00 12 PER BALE 16 13.53 9-18 12 19), PER BALE                    | #<br>-<br>-<br>#<br>-                | #<br>-<br>-<br>-<br>#<br>- | 4<br>0.74<br>0.60-1.00<br>0.60<br>8<br>14.00<br>13-16<br>13<br>11<br>12.45<br>10.00-15.00<br>12<br>36<br>13.26<br>8-18<br>13.5 | 13<br>1.23<br>0.50-5.00<br>1<br>20<br>13.00<br>8-20<br>13<br>38<br>12.08<br>2.00-17.50<br>12<br>83<br>13.25<br>8-20<br>12 |
| BALING SMALL SQUAL Number Reporting Average Rate Range Most Common BALING LARGE SQUAL Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range Most Common BALING CORNSTALKS Number Reporting Average Rate | # RE BALES, (AV # ID BALES WIT 3 11.83 9.50-15.00  D BALES WIT 3 11.33 11-12 11 WITH LARGE | #  | # ALE = 1362), PE # RAP, (AVERAGE 5 12.20 11.00-15.00 11 (AVERAGE LBS 9-20 12 ER, (AVERAGE 8 15.31   | #   | PER BALE  7 1.50 0.50-5.00 1  7 11.29 8-13 12 539), PER BALE 12 11.33 2.00-15.00 12 PER BALE 16 13.53 9-18 12 19), PER BALE 14 14.43 | -<br>-<br>-<br>-<br>-<br>#<br>-<br>- | #<br>-<br>-<br>#<br>-<br>- | 4<br>0.74<br>0.60-1.00<br>0.60<br>8<br>14.00<br>13-16<br>13<br>11<br>12.45<br>10.00-15.00<br>12<br>36<br>13.26<br>8-18<br>13.5 | 13<br>1.23<br>0.50-5.00<br>1<br>20<br>13.00<br>8-20<br>13<br>38<br>12.08<br>2.00-17.50<br>12<br>83<br>13.25<br>8-20<br>12 |
| BALING SMALL SQUAL Number Reporting Average Rate Range Most Common BALING LARGE SQUAL Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range Most Common BALING LARGE ROUN Number Reporting Average Rate Range Most Common BALING CORNSTALKS Number Reporting              | # RE BALES, (AV # ID BALES WIT 3 11.83 9.50-15.00  D BALES WIT 3 11.33 11-12 11 WITH LARGE | # EHOUT NET W. # TH NET WRAP, 5 12.50 9-18.50 E ROUND BALL                 | # NLE = 1362), PE # RAP, (AVERAG 5 12.20 11.00-15.00 11 (AVERAGE LBS 10 12.85 9-20 12 ER, (AVERAGE 8 | #   | 7 1.50 0.50-5.00 1  7 11.29 8-13 12 539), PER BALE 12 11.33 2.00-15.00 12 PER BALE 16 13.53 9-18 12 19), PER BALE                    | -<br>-<br>-<br>-<br>-<br>#<br>-<br>- | #<br>-<br>-<br>#<br>-<br>- | 4<br>0.74<br>0.60-1.00<br>0.60<br>8<br>14.00<br>13-16<br>13<br>11<br>12.45<br>10.00-15.00<br>12<br>36<br>13.26<br>8-18<br>13.5 | 13<br>1.23<br>0.50-5.00<br>1<br>20<br>13.00<br>8-20<br>13<br>38<br>12.08<br>2.00-17.50<br>12<br>83<br>13.25<br>8-20<br>12 |

<sup>#</sup> Too few responses to publish

|                       | NW                 | N            | NE                | C              | E            | SW           | S               | SE           | STATE       |
|-----------------------|--------------------|--------------|-------------------|----------------|--------------|--------------|-----------------|--------------|-------------|
| LOADING AND STACE     | KING SMALL B.      | ALES, PER BA | LE                |                |              |              |                 |              |             |
| Number Reporting      | #                  | #            | #                 | #              | #            | #            | #               | #            | 6           |
| Average Rate          | -                  | -            | ĕ                 |                | 15.0         | ÷            | π.              | -            | 0.61        |
| Range                 | ( <del>)=</del> () | -            | -                 | -              | -            | -            | -               | (94)         | 0.15-1.50   |
| Most Common           |                    |              |                   |                | 0.25         |              |                 |              | 0.25        |
| LIFTING AND MOVIN     |                    |              |                   |                |              |              |                 |              |             |
| Number Reporting      | #                  | 3            | #                 | 8              | 8            | #            | #               | 4            | 25          |
| Average Rate          | -                  | 2.67         | =                 | 4.75           | 3.25         | -            | =               | 3.50         | 3.68        |
| Range<br>Most Common  | -                  | 2-3<br>3     | -                 | 1-20<br>3      | 2-7<br>2     | -            | -               | 1-6          | 1-20<br>2   |
| LOADING AND MOVI      | NG LARGE PO        |              | MATH TO ACTO      |                |              | miles) (RALE | S/I OAD = 13) I | DED LOAD     | 2           |
| Number Reporting      | #                  | #            | 3                 | 3              | 5            | #            | #               | #            | 18          |
| Average Rate          | -                  | -            | 67.33             | 10.33          | 108.80       | #            | -               | -            | 51.28       |
| Range                 | -                  | 2            | 30-100            | 1-25           | 2-500        | -            | 121             | -            | 1-500       |
| Most Common           |                    |              |                   |                | 2            |              |                 |              | 5           |
| SMALL GRAIN HA        | ARVEST (WI         | HEAT, OAT    | S. AND BAR        | LEY)           |              |              |                 |              |             |
| WINDROWING GRAIN      |                    |              | o, in ve bine     | 22.7           |              |              |                 |              |             |
| Number Reporting      | 7                  | #            | #                 | #              | 4            | #            | #               | #            | 18          |
| Average Rate          | 12.07              | #<br>-       | π<br>_            | #<br>-         | 15.50        | -            | -               | -            | 13.69       |
| Range                 | 8-15               | -            | :=:               | -              | 10-25        |              | (*)             | 2000<br>2000 | 8-25        |
| Most Common           | 15                 |              |                   | 15             | 0.000 10.57  |              |                 | 10           | 15          |
| COMBINING SMALL O     | GRAINS, FLAT       | CHARGE, PEI  | RACRE             |                |              |              |                 |              |             |
| Number Reporting      | 4                  | #            | 5                 | 4              | 17           | 3            | 3               | 18           | 56          |
| Average Rate          | 27.50              | =            | 28.00             | 31.25          | 31.24        | 28.67        | 28.67           | 27.94        | 29.38       |
| Range                 | 23-36              | -            | 18-34             | 28-35          | 21-45        | 20-40        | 21-35           | 20-34        | 18-45       |
| Most Common           |                    |              | 30                |                | 35           |              |                 | 30           | 30          |
| COMBINING SMALL O     | GRAINS, MININ      | MUM WITH I   | EXTRA CHARGI      | E FOR HIGH YI  | ELDS, PER AC | RE           |                 |              |             |
| Number Reporting      | 6                  | #            | #                 | #              | 4            | 4            | #               | 4            | 22          |
| Average Rate          | 21.67              |              |                   | -              | 28.75        | 23.50        |                 | 21.50        | 23.27       |
| Range<br>Most Common  | 20-25<br>21        | -            | .=                | -              | 22-45        | 13-23<br>23  | -               | 17-25        | 13-45       |
|                       |                    | TOD CROPS    | WIELDING OF       | ED 22 DIJELLEL | S DED A CDE  | 23           |                 |              | 23          |
| PLUS ADDITIONAL FE    |                    |              |                   |                |              | _            |                 |              | 20          |
| Number Reporting      | 6<br>22.17         | #            | #                 | #              | #            | 5<br>22.67   | 3<br>22.67      | 3<br>20.67   | 20<br>19.90 |
| Average Rate<br>Range | 21-25              | -            | -                 | -              | -            | 13-23        | 21-24           | 17-25        | 2-25        |
| Most Common           | 21                 |              |                   |                |              | 23           | 21-24           | 17 23        | 23          |
| COMBINING SMALL (     | GRAINS, COME       | BINATION CH  | HARGES REGAR      | DLESS OF YIEL  | D. PER ACRE  | 55521-0-100  |                 |              |             |
| Number Reporting      | #                  | #            | 5                 | #              | 3            | #            | #               | 4            | 21          |
| Average Rate          | -                  | _            | 31.60             | -              | 40.00        | -            | -               | 28.00        | 31.86       |
| Range                 |                    | _            | 18-40             | 1-0            | 35-45        | -            | -               | 22-35        | 18-52       |
| Most Common           |                    |              | 30                |                |              |              |                 |              | 30          |
| PLUS ADDITIONAL FE    | EE, FOR EACH I     | BUSHEL       |                   |                |              |              |                 |              |             |
| Number Reporting      | #                  | #            | #                 | #              | #            | #            | #               | #            | 6           |
| Average Rate          | -                  | -            | -                 | -              | -            |              | -               | -            | 14.35       |
| Range                 | -                  | -            | (X <del>=</del> ) | -              | ů.           | (4)          | (40)            | -            | 0-23        |
| Most Common           |                    |              |                   |                |              |              |                 |              | 23          |
| HAULING SMALL GRA     | AINS FROM CO       | MBINE TO L   | OCAL STORAG       | E, FLAT RATE,  | PER BUSHEL   |              |                 |              |             |
| Number Reporting      | 4                  | #            | 7                 | 7              | 18           | 5            | 6               | 25           | 72          |
| Average Rate          | 19.25              | 2            | 11.14             | 10.14          | 10.28        | 18.50        | 18.50           | 11.04        | 12.10       |
| Range                 | 15-22              | -            | 2-18              | 7-12           | 5-22         | 10-23        | 15-23           | 3-27         | 2-27        |
| Most Common           | 20                 |              | 10                | 10             | 5            |              | 15              | 10           | 10          |
| PLUS EXTRA CHARGE     | FOR DISTANC        | CE OVER 12 M | MILES, PER BUS    | HEL            |              |              |                 |              |             |
| Number Reporting      | #                  | #            | 3                 | 6              | 6            | 4            | #               | 10           | 32          |
| Average Rate          | -                  | -            | 1.33              | 4.17           | 1.58         | 3.00         |                 | 1.80         | 2.48        |
| Range                 | -1                 | 2            | 1.00-2.00         | 1.00-15.00     | 0.50-5.00    | 0.25-10.00   | -               | 0.50-4.00    | 0.25-15.00  |
| Most Common           |                    |              | 1                 | 1              | 0.5          |              |                 | 1            | 1           |
| APPLICATION OF        | FERTILIZE          | R (EXCLU     | DING COST         | OF FERTILI     | (ZER)        |              |                 |              |             |
| DRY FERTILIZER, INC.  | LUDING POWI        | ER, LABOR, & | APPLICATOR,       | PER ACRE       |              |              |                 |              |             |
| Number Reporting      | 4                  | #            | 10                | #              | 12           | #            | 5               | 18           | 51          |
| Average Rate          | 6.31               | -            | 5.43              | -1             | 7.02         | -            | 6.40            | 6.15         | 6.24        |
| Range                 | 5.00-7.50          | =            | 3.50-7.00         | -              | 4.00-10.00   | 170          | 5.50-8.00       | 5.00-9.00    | 3.50-10.00  |
| Most Common           | 84.                |              | 6                 |                | 7            |              |                 | 5            | 5           |
|                       |                    |              |                   |                |              |              |                 |              |             |

<sup>#</sup> Too few responses to publish

|   | NW  | N   | NE  | С   | E                      | SW   | S           | SE                    | STATE   |
|---|---|---|---|---|------------------------|--|-------------|-----------------------|---|
| DRY FERTILIZER, APP.  | LICATOR RENTAI  | ONLY, PE                                    | ER ACRE   |   |                        |  |             |                       |   |
| Number Reporting  | #   | #   | #   | #   | #                      | #  | #           | 5                     | 9   |
| Average Rate  | -   | -   |   | -   | -                      | -  | 20          | 3.25                  | 3.83  |
| Range   | -   | -   | (20)  | ~   | -                      | -  | =           | 1.25-5.00             | 1-6.25  |
| Most Common   |   |   |   |   |                        |  |             | 3                     | 5   |
| DRY FERTILIZER, APP   | LICATOR RENTAI  | L ONLY, PE                                  | RTON  |   |                        |  |             |                       |   |
| Number Reporting  | #   | #   | #   | #   | #                      | #  | #           | 4                     | 7   |
| Average Rate  | 172   | V <u>=</u> 3                                | -   | =   | 0 <del>5</del> 0       | (5)  | -           | 11.25                 | 8.86  |
| Range   | -   | -   | 120   | =   | -                      | -  | 2           | 5-20                  | 1-20  |
| Most Common   |   |   |   |   |                        |  |             | 10                    | 10  |
| LIQUID FERTILIZER, F  | OWER, LABOR, &  | APPLICA                                     | TOR, PER ACRE                                       |   |                        |  |             |                       |   |
| Number Reporting  | #   | #   | 8   | 5   | 16                     | #  | 7           | 14                    | 52  |
| Average Rate  |   | -   | 7.11  | 12.70                                     | 7.59                   | -  | 7.96        | 8.38                  | 8.12  |
| Range   | 82  | ( <u>1</u>                                  | 4.50-12.00  | 8.00-17.50                                | 4.00-10.00             | -  | 5.75-11.00  | 5.50-15.00            | 4.00-17.50  |
| Most Common   |   |   |   | ,   | 7                      |  |             | 6                     | 6   |
| LIQUID FERTILIZER, A  | PPLICATOR REN   | TAL ONLY                                    | , PER ACRE  |   |                        |  |             |                       |   |
| Number Reporting  | #   | #   | #   | #   | 3                      | #  | #           | 3                     | 9   |
| Average Rate  |   | _   | 2   | _   | 5.00                   |  |             | 6.00                  | 5.28  |
| Range   |   | ===   | **<br>*   | 2677<br>19 <b>2</b> 9                     | 3.50-6.50              | 20   | √2 n        | 3.00-9.00             | 1.00-9.00   |
| Most Common   |   |   | -   |   | 5.50-0.50              |  | -           | 5.00-5.00             | 6   |
| ANHYDROUS AMMON   | JIA CONVENTIO   | NAI VNII                                    | E DOWED TAI   | OD 8 ADDITO                               | ATOD DED ACD           | D.   |             |                       | U   |
| Number Reporting  | #   | #   | 4   |   |                        | STATE OF THE OWNER, STATE OWNER, S | u<br>u      | 7                     | 22  |
| , ,   | #   | #   |   | #   | 8                      | #  | #           | 7                     | 22  |
| Average Rate  |   | -   | 10.88   | · ·                                       | 11.56                  | -  |             | 13.29                 | 11.64   |
| Range   | -   | -   | 7.50-12.00  | -   | 7.00-18.00             | -  | F •         | 10.00-16.00           | 7.00-18.00  |
| Most Common   | 8   | OOT WATER                                   | 12  |   |                        | W-1995   |             | 15                    | 12  |
| ANHYDROUS AMMON   |   | ***************************************     |   |   |                        | ****   |             |                       |   |
| Number Reporting  | #   | #   | 4   | #   | 23                     | #  | 5           | 42                    | 76  |
| Average Rate  | -   | 6 <del>7</del> 8                            | 11.88   | 8 <del>-2</del> 8                         | 13.78                  | -  | 15.20       | 13.10                 | 13.29   |
| Range   | -   | -   | 8.00-14.50  | 2 <b>.</b>                                | 9.00-20.00             | -  | 12.50-20.00 | 8.50-20.00            | 6.00-20.00  |
| Most Common   |   |   |   |   | 13                     | Line of production of  |             | 15                    | 13  |
| ANHYDROUS AMMON   |   |   |   |   |                        |  |             |                       |   |
| Number Reporting  | #   | #   | #   | #   | 5                      | #  | #           | 3                     | 11  |
| Average Rate  | -   | -   | -   | -   | 15.00                  | -  | -           | 8.67                  | 11.27   |
| Range   | <b>3</b> .  | -   |   |   | 9-25                   | - <del>-</del>   | -           | 2-12                  | 1-25  |
| Most Common   |   |   |   |   |                        |  |             | 12                    | 12  |
| ANHYDROUS AMMON   | NIA, KNIFE WITH   | COULTER                                     | S, APPLICATOR                                       | R RENTAL ONI                              | Y, PER TON             |  |             | A PERSONAL PROPERTY.  |   |
| Number Reporting  | #   | #   | #   | #   | #                      | #  | #           | #                     | 3   |
| Average Rate  | -   | 40  | -   | (2)                                       | (24)                   | 2  | 112         | 2                     | 17.67   |
| Range   | •   | -   | -   | -   | I ess                  | -  | 3E          | =                     | 1-30  |
| Most Common   |   |   |   |   |                        |  |             |                       | -   |
| INSECT, DISEASE,  | AND WEED C  | ONTRO                                       | I PER APPI  | ICATION (F                                | XCIUDES C              | OSTOFN   | (ATFRIAIS)  |                       |   |
| SPRAYING WEED CON   |   |   | DIERRIL   | CHITOIT (I                                | TOLODES C              | OUT OF IV  | TILICIALS)  |                       |   |
|   |   |   |   |   |                        |  |             |                       |   |
| Number Reporting  | 7   | #   | 14  | 6   | 26                     | #  | 3           | 25                    | 82  |
| Average Rate  | 6.57  |   | 6.64  | 7.33                                      | 7.92                   | -  | 6.75        | 6.45                  | 7.01  |
| Range   |   |   |   |   |                        |  | 6.50-7.00   | 5.00-7.00             | 4.00-18.00  |
|   | 5.50-7.50   | -   | 5.50-7.75   | 6.00-9.50                                 | 5.50-18.00             | -  | 0.30-7.00   |                       |   |
|   | 7.50  | -   | 7   | 6.50                                      | 5.50-18.00<br>7        | -  | 6.30-7.00   | 7                     | 7   |
| SPRAYING WEED CON   | 7.50  | -<br>CAPPLICA                               | 7   | 6.50                                      |                        | -  | 6.30-7.00   |                       | 7   |
| SPRAYING WEED CON   | 7.50  | -<br>CAPPLICA<br>#                          | 7   | 6.50                                      |                        | +  | #           |                       | 3   |
| SPRAYING WEED CON<br>Number Reporting   | 7.50<br>TROL, PIPE WICK   |   | 7<br>TOR, PER ACRI                                  | 6.50                                      | 7                      | #  |             | 7                     |   |
| SPRAYING WEED CON<br>Number Reporting<br>Average Rate   | 7.50<br>TROL, PIPE WICK   |   | 7<br>TOR, PER ACRI                                  | 6.50                                      | 7                      | -<br>#<br>-<br>-   |             | 7                     | 3   |
| SPRAYING WEED CON<br>Number Reporting<br>Average Rate<br>Range  | 7.50<br>TROL, PIPE WICK   |   | 7<br>TOR, PER ACRI                                  | 6.50                                      | 7                      | -<br>#<br>-<br>-   |             | 7                     | 3<br>7.67   |
| SPRAYING WEED CON<br>Number Reporting<br>Average Rate<br>Range<br>Most Common   | 7.50<br>TROL, PIPE WICK<br>#<br>-<br>-                          | #<br>-<br>-                                 | 7<br>TOR, PER ACRI<br>#<br>-<br>-                   | 6.50<br>#<br>-                            | 7                      | -<br>#<br>-<br>-   |             | 7                     | 3<br>7.67<br>4-12                                 |
| SPRAYING WEED CON<br>Number Reporting<br>Average Rate<br>Range<br>Most Common<br>SPRAYING WEED CON  | 7.50 TROL, PIPE WICK # TROL, RECIRCUL                           | #<br>-<br>-<br>ATION SP                     | 7<br>TOR, PER ACRI<br>#<br>-<br>-<br>PRAYER, PER AC | 6.50<br>#<br>-<br>-                       | 7<br>#<br>-<br>-       | -  | #           | 7<br>#<br>-<br>-      | 3<br>7.67<br>4-12                                 |
| SPRAYING WEED CON<br>Number Reporting<br>Average Rate<br>Range<br>Most Common<br>SPRAYING WEED CON<br>Number Reporting  | 7.50<br>TROL, PIPE WICK<br>#<br>-<br>-                          | #<br>-<br>-                                 | 7<br>TOR, PER ACRI<br>#<br>-<br>-                   | 6.50<br>#<br>-                            | 7                      | # #  |             | 7                     | 3<br>7.67<br>4-12<br>-                            |
| SPRAYING WEED CON<br>Number Reporting<br>Average Rate<br>Range<br>Most Common<br>SPRAYING WEED CON<br>Number Reporting<br>Average Rate  | 7.50 TROL, PIPE WICK # TROL, RECIRCUL # -                       | #<br>-<br>-<br>ATION SP                     | 7<br>TOR, PER ACRI<br>#<br>-<br>-<br>PRAYER, PER AC | 6.50<br>#<br>-<br>-                       | 7<br>#<br>-<br>-       | -  | #           | 7<br>#<br>-<br>-      | 3<br>7.67<br>4-12<br>-<br>5<br>8.05               |
| SPRAYING WEED CON<br>Number Reporting<br>Average Rate<br>Range<br>Most Common<br>SPRAYING WEED CON<br>Number Reporting<br>Average Rate<br>Range                                       | 7.50 TROL, PIPE WICK # TROL, RECIRCUL                           | #<br>-<br>-<br>ATION SP                     | 7<br>TOR, PER ACRI<br>#<br>-<br>-<br>PRAYER, PER AC | 6.50<br>#<br>-<br>-                       | 7<br>#<br>-<br>-       | -  | #           | 7<br>#<br>-<br>-      | 3<br>7.67<br>4-12<br>-<br>5<br>8.05<br>4-12       |
| SPRAYING WEED CON<br>Number Reporting<br>Average Rate<br>Range<br>Most Common<br>SPRAYING WEED CON<br>Number Reporting<br>Average Rate<br>Range<br>Most Common                        | 7.50 TROL, PIPE WICK # TROL, RECIRCUL #                         | #<br>-<br>-<br>.ATION SP<br>#<br>-<br>-     | 7 TOR, PER ACRI   PRAYER, PER ACRI                  | 6.50<br>#<br>-<br>-                       | 7<br>#<br>-<br>-       | -  | #           | 7<br>#<br>-<br>-      | 3<br>7.67<br>4-12<br>-<br>5<br>8.05               |
| SPRAYING WEED CON Number Reporting Average Rate Range Most Common SPRAYING WEED CON Number Reporting Average Rate Range Most Common CROP SPRAYING BY SU                               | 7.50 TROL, PIPE WICK # - TROL, RECIRCUL # URFACE VEHICLE        | #<br>-<br>-<br>ATION SP<br>#<br>-<br>-<br>- | 7 TOR, PER ACRI                                     | 6.50<br>3<br>#<br>-<br>-<br>ERE<br>#<br>- | #<br>-<br>-<br>-       | #  | #           | #<br>-<br>-<br>#<br>- | 3<br>7.67<br>4-12<br>-<br>5<br>8.05<br>4-12<br>12 |
| Most Common SPRAYING WEED CON Number Reporting Average Rate Range Most Common SPRAYING WEED CON Number Reporting Average Rate Range Most Common CROP SPRAYING BY SU Number Reporting  | 7.50 TROL, PIPE WICK # - TROL, RECIRCUL # - URFACE VEHICLE 3    | #<br>-<br>-<br>.ATION SP<br>#<br>-<br>-     | 7 TOR, PER ACRI      PRAYER, PER AC                 | 6.50<br>#<br>-<br>-                       | #<br>-<br>-<br>-<br>21 | -  | # 5         | #<br>-<br>-<br>#<br>- | 3<br>7.67<br>4-12<br>-<br>5<br>8.05<br>4-12       |
| SPRAYING WEED CON Number Reporting Average Rate Range Most Common SPRAYING WEED CON Number Reporting Average Rate Range Most Common CROP SPRAYING BY SU Number Reporting Average Rate | 7.50 TROL, PIPE WICK # - TROL, RECIRCUL # URFACE VEHICLE 3 6.58 | #<br>-<br>-<br>ATION SP<br>#<br>-<br>-<br>- | 7 TOR, PER ACRI                                     | 6.50<br>3<br>#<br>-<br>-<br>ERE<br>#<br>- | #<br>-<br>-<br>-       | #  | #           | #<br>-<br>-<br>#<br>- | 3<br>7.67<br>4-12<br>-<br>5<br>8.05<br>4-12<br>12 |
| SPRAYING WEED CON Number Reporting Average Rate Range Most Common SPRAYING WEED CON Number Reporting Average Rate Range Most Common CROP SPRAYING BY SU Number Reporting              | 7.50 TROL, PIPE WICK # - TROL, RECIRCUL # - URFACE VEHICLE 3    | #<br>-<br>-<br>ATION SP<br>#<br>-<br>-<br>- | 7 TOR, PER ACRI      PRAYER, PER AC                 | 6.50<br>3<br>#<br>-<br>-<br>ERE<br>#<br>- | #<br>-<br>-<br>-<br>21 | #  | # 5         | #<br>-<br>-<br>#<br>- | 3<br>7.67<br>4-12<br>-<br>5<br>8.05<br>4-12<br>12 |

<sup>#</sup> Too few responses to publish

|                                | NW            | N           | NE             | C           | E  | SW                        | S                 | SE   | STATE             |
|--------------------------------|---------------|-------------|----------------|-------------|--|---------------------------|-------------------|--|-------------------|
| CROP SPRAYING BY A             |               |             | IVE            | C           | E  | 311                       | 3                 | SE   | STATE             |
| Number Reporting               | #<br>#        | #           | 5              | #           | 6  | #                         | #                 |  | 17                |
| Average Rate                   | #<br>-        | #           | 8.10           | -           | 10.38  | #                         | #                 | 6<br>9.79  | 17<br>9.50        |
| Range                          |               | _           | 6.00-9.50      | -           | 7.25-18.00   | _                         | _                 | 8.00-12.00   | 6.00-18.00        |
| Most Common                    |               |             | 0.00 7.50      |             | 8  |                           |                   | 10   | 8                 |
| WASTE HANDLIN                  | G             |             |                |             |  |                           |                   | Market A. St.  |                   |
| LOADING MANURE W               |               | R & LOADER. | PER HOUR       |             |  | a the William Room        |                   |  |                   |
| Number Reporting               | #             | #           | 5              | #           | 5  | #                         | #                 | 3  | 17                |
| Average Rate                   | 9             | -           | 63.00          | -           | 71.00  | . <del></del>             | -                 | 95.00  | 70.59             |
| Range                          | -             | -           | 30-90          | 2           | 40-100   |                           | <u>=</u>          | 35-125   | 30-125            |
| Most Common                    |               |             | 60             |             |  |                           |                   | 125  | 60                |
| HAULING AND SPREA              | DING DRY MA   | anure, per  | HOUR           |             |  |                           |                   |  |                   |
| Number Reporting               | #             | #           | 6              | 3           | 7  | #                         | #                 | 5  | 24                |
| Average Rate                   | ₩.            | -           | 93.50          | 106.67      | 127.86   | =                         | -                 | 98.00  | 101.92            |
| Range                          | = = = = = =   | 194         | 30-146         | 100-120     | 45-300   | -                         |                   | 75-120   | 30-300            |
| Most Common                    |               |             | 120            | 100         | 120  |                           |                   |  | 120               |
| PUMPING, HAULING,              | & SPREADING   | LIQUID MA   | NURE, PER HO   | UR          |  |                           |                   |  |                   |
| Number Reporting               | #             | #           | 3              | #           | #  | #                         | #                 | #  | 6                 |
| Average Rate                   | 15            | -           | 150.00         | -           | -  | *                         | =                 |  | 151.67            |
| Range                          | -             | -           | 30-270         | 8           | , <del>-</del> ,   | (50)                      | -                 | -  | 30-270            |
| Most Common                    |               |             |                |             |  |                           |                   |  | 150               |
| MISCELLANEOUS                  |               |             | <b>《李·蒙》</b>   |             | 中的資本的最終的   |                           | No. of Section    |  |                   |
| MOWING GRASS PAST              |               |             |                |             |  |                           |                   |  |                   |
| Number Reporting               | #             | #           | #              | #           | 9  | #                         | #                 | 6  | 22                |
| Average Rate                   | -             | -           | -              | 2           | 15.11  | -                         | > 10 <del>0</del> | 12.42  | 13.80             |
| Range                          | -             | -           | -              | -           | 8-30   | =                         | 1/2               | 7-20   | 6-30              |
| Most Common DIGGING POST HOLES | DED HOLE      |             |                |             | 15   |                           |                   |  | 15                |
| Number Reporting               | #             | #           | #              | #           | #  | #                         | #                 | 5  | 9                 |
| Average Rate                   | #<br>-        | #           | #              | #           | #  | #                         | #                 | 1.92   | 1.93              |
| Range                          | -             | 10° 0       | S 20           |             | 270  | 2                         | _                 | 0.50-5.00  | 0.25-5.00         |
| Most Common                    |               |             |                |             |  |                           |                   | 1.5  | 0.5               |
| DRIVING WOODEN PO              | ST, PER POST  | •           |                |             |  |                           |                   | -10  |                   |
| Number Reporting               | #             | #           | #              | #           | #  | #                         | #                 | #  | 4                 |
| Average Rate                   | -             | 2           |                |             | -  |                           |                   |  | 2.40              |
| Range                          | : <u>=</u>    | =           | ¥              |             | (2)  | 2                         | -                 |  | 0.5-6             |
| Most Common                    |               |             |                |             |  |                           |                   |  | -                 |
| BUILDING FENCE, PER            | 1/4 MILE      |             |                |             |  |                           |                   |  |                   |
| Number Reporting               | #             | #           | #              | #           | 3  | #                         | #                 | #  | 8                 |
| Average Rate                   | -             | -           |                |             | 716.67   | -                         | -                 |  | 1746.25           |
| Range                          | -             | -           | -              | -           | 100-1200   | -                         | -                 | -  | 100-4000          |
| Most Common                    |               |             |                |             | MORE STORY S | All the Management of the |                   | MANUAL MA | 4000              |
| TRENCHING, PER FOO             |               |             |                |             |  |                           |                   |  |                   |
| Number Reporting               | #             | #           | #              | #           | 5  | #                         | #                 | 5  | 11                |
| Average Rate<br>Range          | -             | **          |                | =           | 1.85   |                           | -                 | 1.00   | 1.36              |
| Most Common                    | 45            | (7.7)       |                | -           | 1.00-2.50<br>2.50  |                           |                   | 0.75-1.25  | 0.70-2.50<br>1.25 |
| INJECTION PUMP FOR             | CHEMICALS     | WITH CENT   | ER PIVOT IRRIC | GATION, PER | ann comhain ann ann ann ann ann ann ann ann ann  |                           |                   |  | 1.23              |
| Number Reporting               | #             | #           | #              | #           | #  | #                         | #                 | #  | 10                |
| Average Rate                   |               | -           | -              | -           | # T  | -                         | -                 | -  | 2.98              |
| Range                          | 20            | - 120       | =              | -           |  |                           |                   | 5 <del>-</del>   | 0.5-5             |
| Most Common                    |               |             |                |             |  |                           |                   |  | 5                 |
| TRACTOR RENT, 50-69            | H.P., PER MET | ER HOUR     |                |             |  |                           |                   |  |                   |
| Number Reporting               | #             | #           | #              | #           | 4  | #                         | #                 | #  | 8                 |
| Average Rate                   | 12            | E           | Ē              | 1.5         | 18.38  | 14M1<br>E3                | 57X               |  | 16.56             |
| Range                          | -             | *           | = 2            | -           | 7-40   | -                         | -                 | (E)  | 7-40              |
| Most Common                    |               |             |                |             |  |                           |                   |  | 15                |

<sup>#</sup> Too few responses to publish

|   | NW               | N                      | NE                                       | C                        | E                 | SW             | S                                       | SE                         | STATE  |
|---|------------------|------------------------|--|--------------------------|-------------------|----------------|---|----------------------------|--|
| TRACTOR RENT, 70-89   |                  | NAME OF TAXABLE PARTY. | NE                                       |                          | E                 | 377            | 3                                       | 3L                         | STATE  |
| Number Reporting  | #                | #                      | #  | #                        | 3                 | #              | #                                       | #                          | 7  |
| Average Rate  | #                | #                      | #  | #                        | 14.00             | #              | #                                       | #                          | 17.14  |
| Range   |                  |                        |  | 1000                     | 8-19              |                |   | 15                         | 8-27   |
| Most Common   | -                | -                      | -  | -                        | 0-19              | -              | -                                       | -                          | 15   |
| TRACTOR RENT, 90-10   | O H D DED MI     | TER HOUR               |  |                          |                   |                |   |                            | 13   |
|   |                  |                        |  |                          |                   | ,,             |   |                            |  |
| Number Reporting<br>Average Rate  | #                | #                      | 3<br>21.67                               | #                        | 4                 | #              | #                                       | #                          | 11   |
| Range   | -                | 12                     | 15-30                                    | -                        | 26.00<br>12-50    | -              | 849                                     | -                          | 24.64<br>10-50   |
| Most Common   | ē1               | 10.75                  | 13-30                                    | - Tr                     | 12-30             | -              | 9 <del>7</del> 9                        | 47                         | 20   |
| TRACTOR RENTAL, 11  | 0-149 H P PEE    | METER HOL              | ID.                                      |                          |                   |                |   | (Sales and Sales and Sales |  |
| Number Reporting  | #                | #                      | 5  | #                        | 6                 | #              | #                                       | #                          | 14   |
|   | #                | +                      | 28.60                                    | -                        | 37.17             | #              | #                                       | #                          |  |
| Average Rate  | 70               |                        |  |                          |                   | · -            | 1 <del>.0</del> 1                       | 5 <del>7</del> /           | 34.57  |
| Range   | -                | -                      | 15-40                                    |                          | 15-60             | -              | -                                       | -                          | 15-60  |
| Most Common   | 0 - 100 pmo tt p |                        | 40                                       |                          | 60                |                |   |                            | 60   |
| TRACTOR RENTAL, 15  |                  |                        |  |                          |                   |                |   |                            |  |
| Number Reporting  | #                | #                      | 7  | #                        | 10                | #              | #                                       | 4                          | 22   |
| Average Rate  | - 5              | -                      | 42.00                                    | -                        | 64.50             | -              | .57.0                                   | 49.50                      | 53.86  |
| Range<br>Most Common  | -                | -                      | 18-80<br>50                              | -                        | 17-150<br>34      | -              | -:                                      | 36-75                      | 17-150<br>50   |
| dia any ao amin'ny faritr'i Aire ao   | o a A BOLE DT    | O II D DED M           |  | TO DO STORY OF THE STORY | 34                |                |   |                            | 50   |
| TRACTOR RENTAL, 20  |                  |                        |  |                          |                   |                |   |                            |  |
| Number Reporting  | #                | #                      | 8  | #                        | 8                 | #              | #                                       | 3                          | 21   |
| Average Rate  | -                | -                      | 54.38                                    | -                        | 51.38             | -              | -                                       | 47.33                      | 51.90  |
| Range   |                  | -                      | 20-100                                   | -                        | 21-100            | N <del>.</del> | -52                                     | 40-60                      | 20-100   |
| Most Common   |                  |                        | 20                                       |                          | 40                |                |   |                            | 40   |
| CUSTOM CONTR.   | ACT FARMI        | NG                     |  |                          |                   |                |   |                            |  |
| WINTER WHEAT, NO I  | FALLOW GROU      | JND (AVERAC            | GE TIMES OVER                            | THE FIELD                | = 3), PER ACRE    |                |   |                            | STATE OF THE PARTY |
| Number Reporting  | #                | #                      | #  | #                        | #                 | #              | #                                       | #                          | 4  |
| Average Rate  | -                |                        | -  | -                        | -                 | -              | -                                       | 7.0                        | 35.25  |
| Range   | -                | S=3                    | -  | 2                        | l <u>a</u> r      |                | -                                       | 91                         | 10-66  |
| Most Common   |                  |                        |  |                          |                   |                |   |                            | -  |
| WINTER WHEAT, INCI  | LUDING FALLO     | OW GROUND              | (AVERAGE TIM                             | ES OVER TH               | IE FIELD = 3), PE | ER ACRE        |   |                            |  |
| Number Reporting  | #                | #                      | #  | #                        | #                 | #              | #                                       | #                          | 3  |
| Average Rate  | 12               | -                      | en e | _                        | -                 | (2)            | 2                                       | -                          | 11.67  |
| Range   | -                | -                      | -  | -                        | · ·               | -              | -                                       | -                          | 10-15  |
| Most Common   |                  |                        | 28.                                      |                          |                   |                |   |                            | 10   |
| GRAIN SORGHUM (AV   | ERAGE TIMES      | OVER THE F             | IELD = 3), $PER A$                       | CRE                      |                   |                |   |                            |  |
| Number Reporting  | #                | #                      | #  | #                        | #                 | #              | #                                       | #                          | 5  |
| Average Rate  | 170              | 850                    | -  | -                        | 250               | -              | -                                       | -                          | 43.00  |
| Range   | 020              | -                      | -  | -                        | _                 | -              | =                                       | -                          | 10-80  |
| Most Common   |                  |                        |  |                          |                   |                |   |                            | -  |
| DRYLAND SOYBEANS  | (AVERAGE TIM     | MES OVER TH            | E FIELD = 4), PE                         | ER ACRE                  |                   |                |   |                            |  |
| Number Reporting  | #                | #                      | 3  | #                        | 6                 | #              | #                                       | 8                          | 17   |
| Average Rate  | 100 m            | -                      | 34.00                                    | -                        | 75.00             | -              |   | 77.50                      | 70.71  |
| Range   | -                | _                      | 12-60                                    | -                        | 15-150            | <del>-</del>   | -                                       | 45-150                     | 12-150   |
| Most Common   |                  |                        |  |                          | , <u> </u>        |                |   |                            | 150  |
| 200 - 100 - | NW               | N                      | NE                                       | C                        | E                 | SW             | S                                       | SE                         | STATE  |
| IRRIGATED SOYBEANS  |                  |                        |  |                          |                   | J.,            | J                                       | 32                         | 3 D  |
| Number Reporting  | #                | #                      | 4  | #                        | 6                 | #              | #                                       | 4                          | 17   |
| Average Rate  | -                | -                      | 41.75                                    | 7                        | 70.00             | <i>H</i>       | π                                       | 80.00                      | 67.71  |
| Range   | -                | -                      | 12-65                                    | -                        | 15-130            | -              | -                                       | 50-110                     | 12-130   |
| Most Common   | 15.58            | 1 (5)                  | 12-03                                    | 2.7                      | 13-130            | . <del></del>  | <u></u>                                 | 50-110                     | 12-130   |
| DRYLAND CORN (AVE   | DACE TIMES       | WED THE EU             | II D = 4) DED AC                         | DE                       |                   |                |   |                            | 123  |
|   |                  |                        |  |                          | 10                |                | n e e e e e e e e e e e e e e e e e e e |                            | 24   |
| Number Reporting  | #                | #                      | 3  | #                        | 10                | #              | #                                       | 8                          | 24   |
| Average Rate  | -                | -                      | 35.67                                    | -                        | 79.00             | -              | -                                       | 81.75                      | 70.33  |
| Range   |                  | (50)                   | 12-65                                    | 0.70                     | 15-125            | -              | -                                       | 45-150                     | 12-150   |
| Most Common   |                  |                        |  |                          | 15                |                |   | 60                         | 60   |

|                        | NW           | N             | NE             | С            | E           | SW             | S                 | SE        | STATE                                   |
|------------------------|--------------|---------------|----------------|--------------|-------------|----------------|-------------------|-----------|---|
| IRRIGATED CORN (AV     | ERAGE TIME   | S OVER THE F  | IELD = 4), PER | ACRE         |             |                |                   |           |   |
| Number Reporting       | #            | #             | 5              | 3            | 9           | #              | #                 | 4         | 24                                      |
| Average Rate           | (i.e.)       | .=.           | 38.40          | 110.00       | 99.22       | =              | 8=.               | 90.00     | 87.38                                   |
| Range                  | -            | -             | 12-70          | 90-140       | 15-140      | =              | 37                | 70-125    | 12-170                                  |
| Most Common            |              |               |                |              | 125         |                |                   |           | 100                                     |
| DRY BEANS (AVERAGE     | E TIMES OVEI | R THE FIELD = | UNKNOWN),      | PER ACRE     |             |                |                   |           |   |
| Number Reporting       | #            | #             | #              | #            | #           | #              | #                 | #         | 3                                       |
| Average Rate           | (#)          | -             | -              | -            | -           | -              | : -               | -         | 79.00                                   |
| Range                  | .=           | -             | =              | -            | -           | -              | -                 | -         | 12-210                                  |
| Most Common            |              |               |                |              |             |                |                   |           | = |
| DOES THE CUSTOM F      | ARMING RAT   | E INCLUDE H.  | AULING GRAII   | N FROM FIELD | TO FARM?    |                |                   |           |   |
| Number Reporting Yes   | #            | #             | #              | #            | 6           | #              | #                 | #         | 12                                      |
| Number Reporting No    | #            | #             | #              | #            | 3           | #              | #                 | 3         | 12                                      |
| DOES THE CUSTOM F.     | ARMING RAT   | E INCLUDE H   | AULING GRAII   | N FROM FIELD | TO ELEVATOR | ₹?             |                   |           |   |
| Number Reporting Yes   | #            | #             | #              | #            | 5           | #              | #                 | 4         | 12                                      |
| Number Reporting No    | #            | #             | #              | #            | 6           | #              | #                 | 3         | 16                                      |
| LABOR AND FUEL         | LRATES       |               |                |              |             |                |                   |           |   |
| AVERAGE LABOR RATI     | E ASSUMED C  | R INCLUDED    | IN CUSTOM R    | ATES, PER HO | UR          |                | Tax Torist a size |           |   |
| Number Reporting       | 7            | 7             | 14             | 12           | 28          | #              | 5                 | 30        | 104                                     |
| Average Rate           | 13.57        | 15.32         | 15.71          | 15.67        | 17.68       | 120            | 14.70             | 14.15     | 15.58                                   |
| Range                  | 11-19        | 10-30         | 11-25          | 12-25        | 10-80       | ) <del>=</del> | 10-20             | 10-18     | 10-80                                   |
| Most Common            | 12           | 12            | 15             | 15           | 15          |                |                   | 15        | 15                                      |
| EXPECTED FARM-DEL      | IVERED DIES  | EL FUEL COST  | 'IN 2014, PER  | GALLON       |             |                |                   |           |   |
| Number Reporting       | 7            | 6             | 10             | 11           | 34          | 4              | 5                 | 35        | 111                                     |
| Average Rate           | 3.39         | 3.58          | 3.17           | 3.26         | 3.45        | 3.36           | 3.36              | 3.41      | 3.39                                    |
| Range                  | 3.10-3.60    | 3.35-3.90     | 2.50-3.50      | 2.40-3.50    | 3.00-4.00   | 3.16-3.60      | 3.15-3.60         | 3.00-4.10 | 2.40-4.10                               |
| Most Common            |              | 3.50          | 3.20           | 3.25         | 3.50        |                | 3.40              | 3.30      | 3.50                                    |
| <b>AUTO STEER SYST</b> | ГЕМ          |               |                |              |             |                |                   |           |   |
| ADDITIONAL CHARGI      | E, PER ACRE  |               |                |              |             |                |                   |           |   |
| Number Reporting       | #            | #             | 7              | 4            | 20          | #              | 5                 | 11        | 48                                      |
| Average Rate           | -            |               | 0.57           | 1.13         | 1.86        | -              | 0.60              | 1.52      | 1.36                                    |
| Range                  | -            | -             | 0-2            | 0-2          | 0-10        | 10             | 0-2               | 0-5       | 0-10                                    |
| Most Common            |              |               | 0              | 2            | 0           |                | 0                 | 0         | 0                                       |

<sup>\*</sup>Of those operators who reported using an Auto Steer System, 13 reported using it on all operations, 10 to till, 12 to fertilize, 29 to plant, 12 to spray, and 8 to harvest.

## This publication has been peer reviewed.

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<sup>#</sup> Too few responses to publish