

State of Illinois Department of Agriculture

Jerry Costello, Director



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# **Illinois Voluntary Limestone Program PRODUCER INFORMATION**

**AUGUST 2023 Edition**

Produced by:

Illinois Department of Agriculture

Illinois Department of Transportation

Illinois Association of Aggregate Producers



The application of limestone to Illinois cropland is a time tested method of controlling soil acidity. It can help maintain optimum nutrient availability and consequently, crop production.

However, variations in limestone quality from the many sources available to farmers can make consistent and economical application difficult. This publication indexes many Illinois sources of agricultural limestone as a function of their effective neutralizing value. Calcium Carbonate Equivalents and Fineness Efficiency of the different limestones have all been figured for the producer.

The result is a correction factor at the end of each entry. Multiply this figure by the ton-per-acre of limestone recommended in your soil test for the correct application rate of each quarry's limestone. The application rate number is figured with a one and four year conversion rate.

### **Figuring ENV for one year conversion rates**

The effective neutralizing value of a limestone product is determined by multiplying the Calcium Carbonate Equivalent (CCE given in booklet) by the total fineness efficiency value (TFEV).

You must figure this from data included in the booklet. Total fineness efficiency values (TFEV's) are determined by first obtaining the weight percent (multiply by .01) of stone in the four particle size intervals. These are:

1. Greater than #8 mesh
2. #8 to #30 mesh
3. #30 to #60 mesh
4. #60 and finer mesh

Obtain the greater than #8 mesh figure by subtracting the #8 mesh percent weight from 1.00. To obtain the #8 to #30 mesh, subtract the percent passing #30 from the percent passing #8. To obtain the #30 to #60 figure, subtract the #60 from the #30. The passing #60 figure is already given in the table. On the next page is an example TFEV computation for particle size intervals. For more information, see "A Guide to selecting Agricultural Limestone Products", by Jonathan H. Goodwin. Illinois Mineral Note 73, November, 1973. Illinois State Geological Survey and, Illinois Agronomy Handbook 1995-96 Circular 1333, Cooperative Extension Service, U of I. Or, you may contact your County Extension Advisor.

## Particle Size Interval Analysis

|   | Passing<br>#8 | Passing<br>#30 | Passing<br>#60 |
|---|---------------|----------------|----------------|
| <b>Step 1</b><br>Jones County<br>Cr Stone | 85.9          | 35.2           | 21.4           |

## Weight Percent

|                                    |      |      |      |
|------------------------------------|------|------|------|
| <b>Step 2</b><br>(Multiply by .01) | .859 | .352 | .214 |
|------------------------------------|------|------|------|

### Step 3

1.00-.859 (#8 figure for #8 larger particle size) = .141

### Step 4 One Year Conversion Constants\*

\*The four bold constants are always used when figuring 1 year conversion rates.

.141 x **5** = .70

.507 x **20** = 10.14

.138 x **50** = 6.90

.214 x **100** = 21.4

39.14 = Total Fineness Efficiency Value

### Step 5

(TFEV) 39.14 x (CCE) .9363 = 36.65 (product)

### Step 6 One Year application Rate

Always divide the product of step 5 into 46.35.

46.35 ÷ 36.65 = 1.26

### Step 7

1.26 x (ton-per-acre recommendation in your soil analysis) = ton-per-acre of Jones County Cr Stone to apply.

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## Theoretical CCE is calculated using this formula

$$CCE_t = \%Ca (2.4973) + [1.1817 (\%Mg \times 3.4676)]$$

2023 LIMESTONE PRODUCER INFORMATION  
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| PRODUCER COMPANY                       | IDOT Producer Number | Address Where Stockpile is Located | City of Stockpile | Ledge Footage Location             | %Mg   | CCE    | % Pass #8 | % Pass #30 | % Pass #60 | 1 Yr Correction Factor | 4 Yr Correction Factor |
|--|----------------------|------------------------------------|-------------------|------------------------------------|-------|--------|-----------|------------|------------|------------------------|------------------------|
| <b>Adams</b>                           |                      |                                    |                   |                                    |       |        |           |            |            |                        |                        |
| Central Stone - Millcreek              | 50012-06             | 5 miles east of Quincy             | Quincy            | common stockpile                   | 3.63  | 92.33  | 82.80     | 55.40      | 37.60      | 0.95                   | 1.04                   |
| <b>Boone</b>                           |                      |                                    |                   |                                    |       |        |           |            |            |                        |                        |
| Beverly Materials - Belvidere          | 50072-16             | 4151 Irene Rd                      | Belvider          | 001-006 (conglomerate) PEP lime    | 13.45 | 101.73 | 75.20     | 42.40      | 25.50      | 1.09                   | 1.09                   |
| Beverly Materials - Belvidere          | 50072-16             | 4151 Irene Rd                      | Belvidere         | 001-006 (coglomerate) ca06 lime    | 13.27 | 102.29 | 77.70     | 42.00      | 26.50      | 1.07                   | 1.07                   |
| Consolidated Materials Inc - Kirkland  | 50072-02             | 1473 Flora ChurchRd.               | Kirkland          | ledge 005 (0-26.8m)                | 13.80 | 103.84 | 73.60     | 44.30      | 26.80      | 1.04                   | 1.06                   |
| Consolidated Materials Inc - Kirkland  | 50072-02             | 1473 Flora Church Rd.              | Kirkland          | ledges 005 ag lime from road stone | 12.26 | 101.29 | 85.80     | 53.00      | 32.30      | 0.92                   | 0.95                   |
| <b>Carroll</b>                         |                      |                                    |                   |                                    |       |        |           |            |            |                        |                        |
| Doc's Excavating Inc - Sword           | 50152-53             | 3367 Eagle Rd.                     | Milledgeville     | Ledge 006, +2.7-11.0M.             | 11.90 | 98.61  | 75.20     | 42.00      | 25.10      | 1.13                   | 1.13                   |
| Savanna Quarry Inc - Lawrence, Ritchie | 50152-92             | 9859 Scenic Bluff Rd.              | Savanna           | Ledge 007, 0.0-31.1M.              | 12.67 | 100.24 | 75.70     | 43.80      | 29.40      | 1.05                   | 1.09                   |
| Wending Quarries Inc Turnbaugh         | 50152-74             | 10212 Quarry Rd.                   | Mt. Carroll       | Ledge 004, 18.0-31.7M.             | 12.79 | 101.88 | 53.30     | 34.30      | 24.40      | 1.28                   | 1.33                   |
| <b>Christian</b>                       |                      |                                    |                   |                                    |       |        |           |            |            |                        |                        |
| Pana Limestone Quarry                  | 50212-04             | 325 North 1600 East                | Pana              | Old Plant/Combined Ledges          | 0.44  | 93.10  | 61.70     | 23.90      | 12.50      | 1.80                   | 1.55                   |
| Pana Limestone Quarry                  | 50212-04             | 325 North 1600East                 | Pana              | NewPlant/Combined Ledges           | 0.49  | 88.23  | 75.20     | 22.20      | 8.70       | 1.92                   | 1.54                   |
| <b>Clark</b>                           |                      |                                    |                   |                                    |       |        |           |            |            |                        |                        |
| Casey Stone                            | 50232-06             | 7600 N State Highway 49            | Casey             | Full face                          | 0.64  | 86.69  | 79.00     | 32.80      | 16.20      | 1.54                   | 1.37                   |
| Mid-Illinois Quarry                    | 50232-02             | 9129 N 230th St.                   | Casey             | All ledges combined                | 0.57  | 84.10  | 95.90     | 51.50      | 27.10      | 1.14                   | 1.11                   |
| Quality Lime Company                   | 50232-05             | 14915 North Quality Lime Rd.       | Marshall          | All Ledges Combined                | 1.69  | 84.73  | 93.90     | 52.80      | 31.20      | 1.08                   | 1.10                   |

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| PRODUCER COMPANY   | IDOT Producer Number | Address Where Stockpile is Located | City of Stockpile | Ledge Footage Location              | %Mg   | CCE    | % Pass #8 | % Pass #30 | % Pass #60 | 1 Yr Correction Factor | 4 Yr Correction Factor |
|--|----------------------|------------------------------------|-------------------|-------------------------------------|-------|--------|-----------|------------|------------|------------------------|------------------------|
| <b>Coles</b>   |                      |                                    |                   |                                     |       |        |           |            |            |                        |                        |
| Charleston Stone Company   | 50292-02             | 9709 N. Co. Rd. 2000 E.            | Ashmore           | Course Lime - All Ledges Combined   | 0.74  | 87.48  | 90.40     | 51.60      | 26.40      | 1.12                   | 1.09                   |
| <b>Cook</b>  |                      |                                    |                   |                                     |       |        |           |            |            |                        |                        |
| Heidleberg Materials - Thornton  | 50312-04             | 620 W. 183rd St.                   | Thornton          | 150.0-420.0M Ledge 2-4 Main Quarry  | 13.40 | 103.10 | 80.40     | 45.30      | 25.10      | 1.04                   | 1.02                   |
| Heidleberg Materials - Thornton  | 50312-04             | 620 W. 183rd St.                   | Thorton           | 150.0-420.0 M Ledge 2-4 Main Quarry | 12.90 | 99.71  | 65.10     | 37.10      | 23.50      | 1.23                   | 1.23                   |
| Heidleberg Materials - Federal   | 50312-02             | 9101 W. 47th St.                   | McCook            | Level 1 & 1A Main Plant             | 13.12 | 100.39 | 93.60     | 59.50      | 37.80      | 0.83                   | 0.89                   |
| Vulcan Materials - Bartlett  | 50312-90             | 2000 Vulcan Parkway                | Barlett           | Level 1 & 2A                        | 13.18 | 102.06 | 80.30     | 47.20      | 29.80      | 0.99                   | 1.02                   |
| Vulcan Materials McCook Main Plant   | 50312-78             | 5500 Joliet Rd.                    | McCook            | Level 3&4A Main Plant               | 12.09 | 94.96  | 68.50     | 30.60      | 15.70      | 1.51                   | 1.36                   |
| <b>Dekalb</b>  |                      |                                    |                   |                                     |       |        |           |            |            |                        |                        |
| Vulcan Materials - Sycamore Quarry; Northwest Corner of Shipping Stockpiles; Marked Aglime on Sign | 50372-01             | 12502 Lloyd Road                   | Sycamore          | Comnined Levels 1 and 2             | 13.00 | 103.78 | 86.40     | 51.70      | 33.10      | 0.89                   | 0.94                   |
| <b>Douglas</b>   |                      |                                    |                   |                                     |       |        |           |            |            |                        |                        |
| Tuscola Stone Co   | 50412-01             | 1199 E US 36                       | Tuscola           | Mixed ledges IDOT Red Tag #0001119  | 11.62 | 94.14  | 76.60     | 42.00      | 28.20      | 1.14                   | 1.17                   |
| <b>Greene</b>  |                      |                                    |                   |                                     |       |        |           |            |            |                        |                        |
| V.H. Callender - 3 miles Southwest of Glasgow, IL (Thomas/Glasgow Quarry)                          | 51712-01             | 24 Hillview Road                   | Wichester         | 0.0m-26.2m Ledge 1                  | 1.29  | 96.13  | 85.60     | 50.90      | 30.60      | 1.00                   | 1.02                   |
| <b>Grundy</b>  |                      |                                    |                   |                                     |       |        |           |            |            |                        |                        |
| LaFarge Aux Sable Quarry   | 50632-01             |                                    | Morris            | 0-38.1 M                            | 2.81  | 88.88  | 77.60     | 47.90      | 30.70      | 1.12                   | 1.18                   |
| <b>Hancock</b>   |                      |                                    |                   |                                     |       |        |           |            |            |                        |                        |
| Central Stone - Carthage   | 50672-01             | 5 miles east of Carthage           | Carthage          | common stockpile                    | 1.68  | 90.56  | 90.70     | 59.90      | 35.90      | 0.94                   | 0.99                   |
| Gray Quarries  | 50672-03             | PO Box 386                         | Hamilton          | common stockpile                    | 2.41  | 74.60  | 84.40     | 53.80      | 32.50      | 1.24                   | 1.29                   |

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|---|----------------------------|---------------------------------------|-------------------|--|-------|--------|-----------|---------------|---------------|------------------------------|------------------------------|
| Gray Quarries                                 | 50672-03                   | PO Box 386                            | Hamilton          | 48.8-54.9m Idg<br>#5                       | 2.06  | 87.31  | 86.00     | 55.30         | 32.60         | 1.05                         | 1.09                         |
| Gray Quarries                                 | 50672-03                   | PO Box 386                            | Hamilton          | 63.4-75.6m Idg<br>#7                       | 3.85  | 96.86  | 95.40     | 57.30         | 39.70         | 0.85                         | 0.93                         |
| Gray Quarries                                 | 50672-03                   | PO Box 386                            | Hamilton          | 35.1-48.8m Idg<br>#4                       | 4.15  | 64.20  | 98.60     | 63.80         | 36.40         | 1.26                         | 1.32                         |
| Gray Quarries                                 | 50672-03                   | PO Box 386                            | Hamilton          | 30.5-35.1 m Idg<br>#3                      | 2.05  | 92.64  | 99.00     | 72.10         | 40.30         | 0.81                         | 0.86                         |
| R.L. O'Neal & Sons Inc.                       | 50672-04                   | 819 N Country Road<br>3050            | Plymouth          | 0.0-12.2 M<br>Ledge 1                      | 1.74  | 76.13  | 90.10     | 60.20         | 30.90         | 1.17                         | 1.18                         |
| R.L. O'Neal & Sons Inc.                       | 50672-04                   | 819 N County Road<br>3050             | Plymouth          | Common<br>Stockpile                        | 3.40  | 92.61  | 82.50     | 54.00         | 39.20         | 0.94                         | 1.05                         |
| R.L. O'Neal & Sons Inc.                       | 50672-04                   | 819 N County Road<br>3050             | Plymouth          | 44.8 M - 52.4 M<br>Ledge 4                 | 3.51  | 93.60  | 93.70     | 70.50         | 50.40         | 0.76                         | 0.88                         |
| <b>Hardin</b>                                 |                            |                                       |                   |  |       |        |           |               |               |                              |                              |
| Hastie Mining                                 | 50692-04                   | RR 1 Box 55                           | Cave-in-rock      | Middle Pit Ledge<br>10-33.7 M-52.0<br>M    | 2.11  | 86.59  | 84.70     | 42.60         | 16.40         | 1.38                         | 1.22                         |
| Lafarge Holcim - Cave-In-Rock                 | 50692-12                   | R.R. 1 Box 267 Fords<br>Ferry Rd.     | Cave-in-rock      | Ledge 006-31.4<br>M -41.8 M                | 1.89  | 91.55  | 56.00     | 25.70         | 14.00         | 1.80                         | 1.61                         |
| Lafarge Holcim - Rosiclare                    | 50692-92                   | R.R. 1 Box 128                        | Golconda          | Ledge 002-13.4<br>M-35.1 M                 | 1.57  | 88.64  | 64.60     | 28.10         | 15.20         | 1.70                         | 1.53                         |
| <b>Henry</b>                                  |                            |                                       |                   |  |       |        |           |               |               |                              |                              |
| RiverStone Group Inc -<br>Cleveland Quarry    | 50732-12                   | 1069 North Broadway<br>Street         | Colona            | Various Ledges                             | 12.20 | 102.06 | 90.80     | 39.60         | 21.90         | 1.10                         | 1.03                         |
| <b>Iroquois</b>                               |                            |                                       |                   |  |       |        |           |               |               |                              |                              |
| Prairie Materials - East of<br>platform scale | 50752-01                   | 2744 N 200 East Rd.                   | Ashkum            | A/B Combined<br>pile Footage 0.0-<br>28.0M | 3.35  | 95.96  | 85.20     | 40.80         | 24.60         | 1.14                         | 1.12                         |
| <b>Jackson</b>                                |                            |                                       |                   |  |       |        |           |               |               |                              |                              |
| Kinkaid Stone Co                              | 50772-02                   | 4287 Kinkaid Stoe<br>Road             | Ava               | Various Ledges<br>Fine Ag. Lime<br>Sample  | 2.62  | 85.46  | 90.90     | 48.80         | 25.80         | 1.17                         | 1.14                         |
| Kinkaid Stone Co                              | 50772-02                   | 4287 Kinkaid Stone<br>Road            | Ava               | Various Ledges<br>Coars Ag. Lime<br>Sample | 2.24  | 84.60  | 76.90     | 40.70         | 22.50         | 1.37                         | 1.32                         |
| <b>Jersey</b>                                 |                            |                                       |                   |  |       |        |           |               |               |                              |                              |
| Calhoun Quarry East                           | 50832-03                   | 25840 Eldred Road                     | Fieldon           | Various Ledges                             | 2.99  | 94.31  | 89.10     | 49.10         | 32.20         | 1.00                         | 1.04                         |

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|--|----------------------|------------------------------------|-------------------|---|-------|--------|-----------|------------|------------|------------------------|------------------------|
| <b>JoDaviess</b>   |                      |                                    |                   |   |       |        |           |            |            |                        |                        |
| Conmat Inc - Eustice   | 50852-61             | 1307 W. Longhollow Rd.             | Elizabeth         | Ledge 018, 2.5-23.5 M (Upper Ledge)   | 13.15 | 102.94 | 87.30     | 56.00      | 38.30      | 0.83                   | 0.91                   |
| Conmat Inc - Virtue  | 50852-06             | 1450 N. Ferry Landing Rd.          | Galena            | Ledge 002 ,18.3-30.5M West Face   | 5.39  | 95.36  | 73.90     | 45.80      | 32.70      | 1.05                   | 1.14                   |
| Conmat Inc - Youngbluth                                      | 50852-67             | 10216 Chelsea Rd.                  | Stockton          | Ledge 001,0.0-15.2 M East Face  | 13.33 | 103.99 | 80.90     | 50.50      | 36.50      | 0.88                   | 0.97                   |
| Fischer Excavating Inc - Elher                               | 50852-93             | 8022 Stagecoach Trail              | Galena            | Ledge 002, +6.1 - 15.2M. South Face   | 13.25 | 102.38 | 70.10     | 57.40      | 44.80      | 0.82                   | 0.98                   |
| Fischer Excavating Inc - Millerschone                        | 50852-20             | 7081 East Center Rd.               | Stockton          | Ledge 002, 0.0 - 18.3M. South Face  | 12.87 | 100.78 | 76.90     | 46.90      | 32.80      | 0.98                   | 1.05                   |
| Stagecoach Trails Limestone - P Mark                         | 50852-17             | 3414 Mammoser Rd.                  | Stockton          | Ledge 001, 0.0-10.7M  | 12.83 | 97.79  | 80.00     | 46.70      | 29.70      | 1.03                   | 1.07                   |
| <b>Johnson</b>   |                      |                                    |                   |   |       |        |           |            |            |                        |                        |
| Shawnee Stone - Cypress                                      | 50872-02             | 8396 State Route 375               | Cypress           | B Ledge 7.9M-30.8M  | 1.37  | 95.95  | 85.00     | 42.70      | 23.20      | 1.15                   | 1.10                   |
| Shawnee Stone - Buncombe                                     | 50872-03             | 3760 State Highway 37N             | Buncombe          | Top Ledge 1.5M-13.1M  | 1.48  | 86.33  | 77.40     | 37.00      | 19.90      | 1.43                   | 1.33                   |
| <b>Kane</b>  |                      |                                    |                   |   |       |        |           |            |            |                        |                        |
| Lafarge Holcim - Fox River                                   | 50892-02             | 1310 S. IL Route 31                | South Elgin       | Level 1 Bench   | 13.38 | 102.25 | 68.50     | 40.00      | 25.60      | 1.13                   | 1.15                   |
| Lafarge Holcim - Conco - North Aurora                        | 50892-01             | 105 Conco St.                      | North Aurora      | 100.9-107.9 Level 3 Breast  | 12.50 | 100.30 | 72.90     | 38.30      | 24.90      | 1.16                   | 1.16                   |
| <b>Kankakee</b>  |                      |                                    |                   |   |       |        |           |            |            |                        |                        |
| Prairie Materials - North Side Back of Yard                  | 50912-06             | 8215 US-45                         | Manteno           | AB Ledge Material. Regular Grinds. All aglime made from both ledges gets put into one pile. | 12.58 | 98.54  | 87.00     | 25.80      | 15.50      | 1.40                   | 1.24                   |
| Vulcan Lehigh - Fine AG Lime - outside of barn across tracks | 50912-02             | 1277 Co. Hwy 28                    | Kankakee          | Ledge 1 00601<br>**Fine Sample  | 11.92 | 91.18  | 78.30     | 47.30      | 31.50      | 1.09                   | 1.15                   |

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|---|----------------------------|---------------------------------------|-------------------|---|-------|--------|-----------|---------------|---------------|------------------------------|------------------------------|
| Vulcan Lehigh - Course AG<br>Lime-across the street west<br>side of scale house | 50912-02                   | 1277 Co. Hwy 28                       | Kankakee          | Ledge 1 00601<br>**Course<br>Sample**   | 11.91 | 95.69  | 73.90     | 42.30         | 28.60         | 1.12                         | 1.17                         |
| <b>Kendall</b>  |                            |                                       |                   |   |       |        |           |               |               |                              |                              |
| Central Limestone   | 50932-01                   | 16805 Quarry Rd.                      | Morris            | 0-130'(0-39.6M)<br>Various<br>Locations | 8.84  | 97.95  | 76.40     | 52.00         | 30.80         | 1.00                         | 1.04                         |
| Lafarge North American-<br>Kendall Quarry                                       | 50932-03                   | 10501 Joliet Rd.                      | Newark            | Various                                 | 12.67 | 97.75  | 99.10     | 70.00         | 31.10         | 0.84                         | 0.83                         |
| <b>LaSalle</b>  |                            |                                       |                   |   |       |        |           |               |               |                              |                              |
| Lafarge - Utica - Ag Lime<br>signed stockpile                                   | 50992-02                   | IL RT 178 and N 27th<br>Rd            | Utica             | Various Ledges                          | 10.18 | 80.94  | 78.20     | 48.10         | 34.60         | 1.18                         | 1.28                         |
| RiverStone Group Inc -<br>Vermilion   | 50992-04                   | 2273 North Illinois 178               | Oglesby           | Various Ledges-<br>FM20                 | 4.25  | 91.69  | 99.10     | 54.20         | 21.60         | 1.08                         | 0.99                         |
| RiverStone Group Inc -<br>Vermilion   | 50992-04                   | 2273 North Illinois 178               | Oglesby           | Various Ledges                          | 3.47  | 88.13  | 70.90     | 41.30         | 25.60         | 1.29                         | 1.30                         |
| RiverStone Group Inc - Troy<br>Grove  | 50992-01                   | 539 Rt. 52                            | Utica             | Various Ledges                          | 12.48 | 100.60 | 79.90     | 40.60         | 19.80         | 1.18                         | 1.09                         |
| RiverStone Group Inc - Troy<br>Grove  | 50992-01                   | 539 Rt. 52                            | Utica             | Various Ledges -<br>Fine                | 12.67 | 98.73  | 46.60     | 23.70         | 18.20         | 1.66                         | 1.63                         |
| <b>Lee</b>  |                            |                                       |                   |   |       |        |           |               |               |                              |                              |
| Civil Materials - Palmyra   | 51032-73                   | 217 Palmyra Rd                        | Dixon             | 006 East                                | 13.22 | 101.14 | 86.20     | 49.70         | 32.70         | 0.93                         | 0.98                         |
| Civil Materials - Palmyra   | 51032-73                   | 217 Palmyra Rd.                       | Dixon             | 006 Old                                 | 13.20 | 102.81 | 84.20     | 62.30         | 49.30         | 0.74                         | 0.88                         |
| Civil Materials - Palmyra   | 51032-73                   | 217 Palmyra Rd.                       | Dixon             | 006 Upper                               | 11.22 | 102.91 | 84.80     | 56.30         | 41.70         | 0.81                         | 0.92                         |
| Civil Materials - Palmyra   | 51032-73                   | 217 Palmyra Rd.                       | Dixon             | 006 UFR                                 | 13.28 | 103.65 | 99.60     | 99.40         | 98.00         | 0.45                         | 0.65                         |
| Martin & Company - Sink<br>Hollow   | 51032-80                   | 2001 Sink Hollow Rd                   | Dixon             | Varies                                  | 5.46  | 94.58  | 74.60     | 37.10         | 18.90         | 1.33                         | 1.24                         |
| Martin Materials - Watson   | 51032-47                   | 603 Rock Island Rd                    | Dixon             | 006                                     | 13.02 | 104.23 | 89.40     | 59.20         | 36.40         | 0.82                         | 0.87                         |
| Renner Quarries - Amboy   | 51032-04                   | 902 Robbins Rd.                       | Amboy             | 004                                     | 12.76 | 98.94  | 80.20     | 39.90         | 25.70         | 1.12                         | 1.12                         |
| Renner Quarries - Dixon   | 51032-76                   | 870 Renner Rd.                        | Dixon             | 008                                     | 12.74 | 100.00 | 96.00     | 70.30         | 45.80         | 0.73                         | 0.82                         |
| <b>Livingston</b>   |                            |                                       |                   |   |       |        |           |               |               |                              |                              |
| Valley View Industries -<br>McDowell Quarry                                     | 51052-19                   |                                       | McDowell          | 4.0 M Face<br>MILLED LIME               | 1.01  | 93.34  | 94.90     | 55.90         | 33.90         | 0.94                         | 0.97                         |
| Valley View Industries -<br>McDowell Quarry                                     | 51052-19                   |                                       | McDowell          | 4.0 M Face<br>BLENDED LIME              | 1.24  | 91.03  | 92.60     | 57.60         | 35.90         | 0.94                         | 1.00                         |
| Valley View Industries - Ifft<br>Quarry   | 51052-15                   |                                       | McDowell          | 3.5 M Face                              | 1.01  | 90.91  | 93.70     | 63.80         | 42.50         | 0.86                         | 0.95                         |



2023 LIMESTONE PRODUCER INFORMATION  
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|--|----------------------|------------------------------------|-------------------|---------------------------------|-------|--------|-----------|------------|------------|------------------------|------------------------|
| VCNA Prairie Materials - Prairie Yard 88   | 51052-09             |                                    | Ocoya             | 6.7 M Face Coarse Lime          | 1.12  | 88.29  | 88.80     | 54.70      | 31.50      | 1.04                   | 1.07                   |
| VCNA Prairie Materials - Prairie Yard 88   | 51052-09             |                                    | Ocoya             | 6.7 M Face Fine Lime            | 1.08  | 82.14  | 97.20     | 67.00      | 40.00      | 0.95                   | 1.01                   |
| <b>Madison</b>                             |                      |                                    |                   |                                 |       |        |           |            |            |                        |                        |
| Hi-Cal Pellet Dome Lime - Alton            | 51192-04             | 4007 College Avenue                | Alton             | Ledges 1 & 2                    | 2.67  | 90.43  | 88.10     | 77.30      | 65.60      | 0.69                   | 0.89                   |
| New Frontier Materials - Alton             | 51192-02             | 4007 College Avenue                | Alton             | Ledges 1 & 2                    | 3.72  | 91.88  | 82.40     | 42.70      | 27.10      | 1.15                   | 1.16                   |
| Twin Rivers Stone- Godfrey                 | 51192-01             | 9434 Godfrey Road                  | Godfrey           | Ledges 1-5                      | 6.86  | 93.05  | 78.90     | 47.20      | 26.40      | 1.13                   | 1.12                   |
| <b>McDonough</b>                           |                      |                                    |                   |                                 |       |        |           |            |            |                        |                        |
| Central Stone - Tennessee CS#53            | 51092-03             | 5533 E. 400 Street                 | Colchester        | L1 & L2 Aglime 002FA00          | 2.34  | 69.50  | 66.20     | 35.80      | 20.80      | 1.85                   | 1.78                   |
| <b>Menard</b>                              |                      |                                    |                   |                                 |       |        |           |            |            |                        |                        |
| Heidleberg Materials - Athens              | 5192-02              | 25142Quarry Avenue @ Athens        |                   | Combined Ledges                 | 1.30  | 91.60  | 89.70     | 49.10      | 25.60      | 1.10                   | 1.07                   |
| <b>Monroe</b>                              |                      |                                    |                   |                                 |       |        |           |            |            |                        |                        |
| Beelman Columbia #1                        | 51632-01             | 1501 Quarry Road                   | Columbia          | Ledge 5                         | 0.42  | 92.28  | 77.60     | 44.70      | 22.00      | 1.22                   | 1.16                   |
| Beelman Waterloo #7                        | 51332-04             | 5440 Quarry Drive                  | Waterloo          | Ledge 1-3                       | 4.87  | 94.58  | 89.30     | 52.50      | 32.20      | 0.98                   | 1.01                   |
| <b>Montgomery</b>                          |                      |                                    |                   |                                 |       |        |           |            |            |                        |                        |
| Heidleberg Materials - Nokomis             | 51352-01             | 22283 Taylorville Road @ Nokomis   |                   | Combined Ledges                 | 0.85  | 95.39  | 91.40     | 48.00      | 26.30      | 1.05                   | 1.03                   |
| Nokomis Quarry                             | 51352-03             | 23311 Taylorville Road @ Nokomis   |                   | Combined Ledgs / Course Ag Lime | 0.40  | 94.81  | 73.50     | 34.60      | 16.60      | 1.41                   | 1.27                   |
| <b>Ogle</b>                                |                      |                                    |                   |                                 |       |        |           |            |            |                        |                        |
| Doc's Excavating Inc - Galena Trail Quarry | 51412-18             | 2010 South Galena Trail            | Polo              | Ledge 003                       | 12.86 | 102.58 | 72.00     | 56.80      | 40.10      | 0.85                   | 0.97                   |
| Macklin Inc - Rochelle                     | 51412-68             | 6089 South Dement Rd.              | Rochelle          | Ledge 007                       | 12.45 | 96.73  | 80.30     | 42.90      | 27.80      | 1.09                   | 1.11                   |
| Martin Materials - Limekiln                | 51412-47             | 1720 North Limekiln                | Oregan            | 004                             | 12.04 | 97.40  | 70.50     | 35.70      | 22.50      | 1.27                   | 1.24                   |
| Rogers Ready Mix - Byron                   | 51412-32             | 8503 North Barker Road             | Byron             | 006                             | 12.22 | 96.21  | 79.30     | 36.50      | 22.00      | 1.24                   | 1.19                   |
| Steve Benesh and Sons Quarry - Oregan      | 51412-72             | 3923 North River rd                | Oregan            | 004                             | 11.42 | 88.83  | 74.60     | 39.50      | 27.10      | 1.25                   | 1.29                   |
| Wagner Aggregates - Fairdale               | 51412-92             | 20855 East IL Rt. 72               | Fairdale          | Various                         | 13.10 | 103.33 | 81.10     | 45.30      | 26.40      | 1.02                   | 1.02                   |

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|--------------------------------------|----------------------|------------------------------------|-------------------|--------------------------------------|-------|--------|-----------|------------|------------|------------------------|------------------------|
| <b>Pike</b>                          |                      |                                    |                   |                                      |       |        |           |            |            |                        |                        |
| Perry/Junction Quarry                | 51492-42             | 37742 412 St.                      | Chambersburg      | Ledge 1-4                            | 1.51  | 73.34  | 76.90     | 45.80      | 30.00      | 1.40                   | 1.45                   |
| Central Stone                        | 51492-04             | 26176 487th Street                 | Pittsfield        | Ledge 2                              | 1.65  | 80.05  | 88.90     | 56.90      | 35.20      | 1.09                   | 1.16                   |
| V.H. Callender Valley City Quarry    | 51492-02             | 310810 Quarry Rd.                  | Grigsville        | Ledge 3                              | 0.40  | 89.76  | 70.50     | 39.00      | 22.10      | 1.35                   | 1.31                   |
| V.H. Callender - New Hartford Quarry | 51492-01             | 31099 Dutch Creek Rd.              | Rockport          | Ledge 1                              | 0.86  | 91.03  | 85.90     | 55.90      | 36.50      | 0.96                   | 1.04                   |
| <b>Randolph</b>                      |                      |                                    |                   |                                      |       |        |           |            |            |                        |                        |
| Mississippi Lime - Prairie Du Rocher | 51572-04             | 7899 Bluff Road                    | Prarie Du Rocher  | Ledge 1                              | 0.59  | 97.28  | 82.60     | 45.70      | 20.20      | 1.16                   | 1.07                   |
| <b>Rock Island</b>                   |                      |                                    |                   |                                      |       |        |           |            |            |                        |                        |
| Mill Creek Mining - Collison Pit     | 51612-16             | 5600 Knoxville Road                | Milan             | Various Ledges                       | 11.85 | 100.71 | 65.50     | 32.80      | 15.50      | 1.42                   | 1.27                   |
| RiverStone Group Inc - Midway Quarry | 51612-23             | 2712 248 Street North              | Hillsdale         | Various Ledges (Back Pile)           | 13.13 | 100.59 | 89.30     | 39.00      | 11.10      | 1.29                   | 1.06                   |
| RiverStone Group Inc - Midway Quarry | 51612-23             | 2721 248 Street North              | Hillsdale         | Various Ledges (Front Pile)          | 12.63 | 102.10 | 95.60     | 44.80      | 11.40      | 1.18                   | 0.97                   |
| RiverStone Group Inc - Allied Stone  | 51612-31             | 601 US Rt. 67 North                | Milan             | Various Ledges (Limestone)           | 12.84 | 103.73 | 75.80     | 34.80      | 16.50      | 1.27                   | 1.14                   |
| RiverStone Group Inc - Allied Stone  | 51612-31             | 601 Us Rt. 67 North                | Milan             | Various Ledges (Dolomite)            | 12.40 | 98.86  | 84.80     | 42.70      | 21.00      | 1.14                   | 1.07                   |
| <b>Shelby</b>                        |                      |                                    |                   |                                      |       |        |           |            |            |                        |                        |
| Brush Creek Quarry                   | 51732-01             | 2371 County Highway 6              | Mode              | Various                              | 2.25  | 71.96  | 60.70     | 32.30      | 19.20      | 1.93                   | 1.84                   |
| <b>St. Clair</b>                     |                      |                                    |                   |                                      |       |        |           |            |            |                        |                        |
| Beelman Dupo #9                      | 51632-09             | 100 Industrial Drive               | Dupo              | Ledge 1A-5                           | 0.33  | 82.11  | 79.30     | 56.40      | 39.20      | 1.06                   | 1.18                   |
| Falling Springs Quarry               | 51632-03             | 2901 Stolle Rd.                    | Dupo              | 1B                                   | 2.67  | 93.08  | 76.30     | 47.70      | 31.70      | 1.07                   | 1.13                   |
| <b>Stephenson</b>                    |                      |                                    |                   |                                      |       |        |           |            |            |                        |                        |
| Conmat Inc - Rock City               | 51772-01             | 8585 Rt. 75 East                   | Rock City         | Ledge 001, 0.0-13.8M. South Face     | 13.03 | 98.55  | 79.80     | 49.30      | 34.50      | 0.96                   | 1.04                   |
| Conmat Inc - Dwyer                   | 51772-28             | 1708 S. Hollywood Rd.              | Freeport          | (ultra fine) Ledge 007, 30.5-44.2 M. | 12.79 | 100.04 | 100.00    | 99.90      | 98.90      | 0.47                   | 0.68                   |
| Doc's Excavating Inc - Tessendorf    | 51772-04             | 6285 Il. Rt. 73 North              | Lena              | Ledge 007, +3.0 - 15.2M West Face    | 13.57 | 104.61 | 82.50     | 48.30      | 31.90      | 0.93                   | 0.97                   |
| Doc's Excavating Inc - Tessendorf    | 51772-04             | 6285 IL RT. 73 North               | Lena              | Ledge 002, 15.2-21.9M. Face          | 12.31 | 98.98  | 75.60     | 45.80      | 32.50      | 1.01                   | 1.08                   |

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| Fischer Excavating Inc - Winnesheik                                 | 51772-51             | 1570 East Winnesheik Rd.           | Freeport          | Ledge 002, 9.1-18.3M.             | 12.90 | 99.69  | 74.50     | 45.50      | 28.80      | 1.05                   | 1.09                   |
| Fischer Excavating Inc - Ivey                                       | 51772-68             | 7994 IL Rt. 73 North               | Lena              | Ledge 001, 0.0-15.2M. North Face  | 12.70 | 101.45 | 81.50     | 50.70      | 34.30      | 0.92                   | 0.99                   |
| <b>Union</b>  |                      |                                    |                   |                                   |       |        |           |            |            |                        |                        |
| Anna Quarry Inc   | 51812-02             | 1000 Quarry Road                   | Anna              | Multiple Ledges                   | 1.32  | 94.24  | 73.20     | 39.90      | 20.60      | 1.29                   | 1.22                   |
| Shawnee Stone   | 51812-03             | 1275 Jnesboro Quarry Road          | Anna              | multiple ledges                   | 1.13  | 97.69  | 94.00     | 71.80      | 46.30      | 0.74                   | 0.84                   |
| <b>Vermilion</b>  |                      |                                    |                   |                                   |       |        |           |            |            |                        |                        |
| Heidleberg Materials - Fairmount Quarry - 2 miles West of Fairmount | 51832-01             | 3706 Catlin-Homer Road             | Fairmount         | Southcut - 20 Foot Ledge          | 0.47  | 95.06  | 99.20     | 61.60      | 34.60      | 0.88                   | 0.90                   |
| <b>Warren</b>   |                      |                                    |                   |                                   |       |        |           |            |            |                        |                        |
| Mill Creek Mining - Monmouth Quarry                                 | 51872-02             | 2351 6th Street                    | Monmouth          | 60-70' Ledge Aglime 002FA00       | 4.47  | 89.40  | 85.30     | 60.70      | 36.30      | 0.96                   | 1.02                   |
| RiverStone Group Inc - Valley Quarry                                | 51872-01             | 772 175th Street                   | Augstine          | 60-70' ledge                      | 2.53  | 90.25  | 85.80     | 58.90      | 37.00      | 0.95                   | 1.02                   |
| <b>Whiteside</b>  |                      |                                    |                   |                                   |       |        |           |            |            |                        |                        |
| Alliance Materials - Kays Corner                                    | 51952-86             | 25100 Rockfalls Rd.                | Sterling          | Ledge 006                         | 13.06 | 102.36 | 84.70     | 47.50      | 29.30      | 0.97                   | 0.99                   |
| Alliance Materials - Siers  | 51952-86             | 28601 Pilgrim Rd                   | Sterling          | 006                               | 13.07 | 104.70 | 61.50     | 32.30      | 19.40      | 1.32                   | 1.26                   |
| <b>Will</b>   |                      |                                    |                   |                                   |       |        |           |            |            |                        |                        |
| Lafarge Holcim - Rockdale   | 51972-15             | 2509 Mound Rd.                     | Rockdale          | All Ledges.                       | 12.61 | 101.33 | 90.50     | 65.30      | 46.20      | 0.75                   | 0.85                   |
| Vulcan Materials - Joliet   | 51972-19             | 595 W Laraway Rd.                  |                   | All Ledges.                       | 12.46 | 95.25  | 79.20     | 45.00      | 29.00      | 1.08                   | 1.12                   |
| Vulcan Materials - Barber Corners - Bolingbrook                     | 51972-10             | 370 Royce Rd.                      | Bolingbrook       | All Ledges.                       | 12.31 | 95.61  | 72.00     | 39.40      | 25.80      | 1.20                   | 1.21                   |
| <b>Winnebago</b>  |                      |                                    |                   |                                   |       |        |           |            |            |                        |                        |
| Northern Illinois Service @ Bedrock - Blacks Quarry                 | 52012-80             | 11200 N Main Rd                    | Rockton           | 002 full face                     | 13.32 | 102.50 | 87.10     | 57.20      | 32.90      | 0.88                   | 0.91                   |
| Northern Illinois Service @ Bedrock - Blacks Quarry                 | 52012-73             | 6799 Swanson Rd                    | Roscoe            | 013 ledge                         | 13.46 | 103.56 | 70.00     | 45.20      | 28.00      | 1.04                   | 1.07                   |
| N-Trak - Rockton  | 52012-02             | 11184 N Main                       | Rockton           | ledge 005                         | 12.52 | 96.59  | 83.70     | 47.50      | 22.50      | 1.11                   | 1.06                   |
| N-Trak - Rockton  | 52012-02             | 11184 N Main                       | Rockton           | ledge 001 yellow commercial Ledge | 13.24 | 101.45 | 94.70     | 66.10      | 39.90      | 0.77                   | 0.83                   |

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|--|----------------------------|---|-------------------|---|-------|--------|-----------|---------------|---------------|------------------------------|------------------------------|
| Roger R-M + Materials -<br>Mulford   | 52012-31                   | 5510 S Mulford Rd.                                | Rockford          | 002 12.2m-<br>26.5m                                 | 13.71 | 104.58 | 79.40     | 52.80         | 31.60         | 0.91                         | 0.95                         |
| <b>Iowa</b>  |                            |   |                   |   |       |        |           |               |               |                              |                              |
| RiverStone Group Inc - New<br>Liberty Quarry                                       | 52202-91                   | 2700 New Liberty<br>Road                          | Stockton          | Various Ledges                                      | 12.50 | 100.38 | 69.80     | 37.70         | 21.50         | 1.23                         | 1.19                         |
| RiverStone Group Inc LeClaire<br>Quarry  | 52202-10                   | 400 Territorial Rd                                | LeClaire          | Various ledges<br>(HI-G)                            | 13.09 | 104.51 | 100.00    | 99.70         | 94.00         | 0.46                         | 0.65                         |
| RiverStone Group Inc - LeClair<br>Quarry   | 52202-10                   | 400 Territorial Road                              | LeClaire          | Various ledges                                      | 13.45 | 102.08 | 73.70     | 40.60         | 22.50         | 1.15                         | 1.11                         |
| RiverStone Group Inc -<br>McCausland Quarry  | 52202-16                   | 18965 300 St                                      | Long Grove        | Various Ledges                                      | 12.79 | 104.68 | 77.10     | 40.40         | 24.70         | 1.08                         | 1.07                         |
| Wendling Quarries Inc -<br>Shafton   | 52202-06                   | 2911 Hwy67 (2.0<br>MI.SW Clinton-S11-<br>T80Nr5E) | Camacnche         | Various Ledges                                      | 13.29 | 103.80 | 74.20     | 38.30         | 22.60         | 1.15                         | 1.11                         |
| <b>Indiana</b>   |                            |   |                   |   |       |        |           |               |               |                              |                              |
| Bloomington Crushed Stone  | 52102-07                   | 1100 N Oard Rd.                                   | Bloomington       | Various Fine Ag<br>Lime                             | 0.69  | 97.39  | 100.00    | 99.90         | 39.40         | 0.68                         | 0.69                         |
| Bloomington Crushed Stone  | 52102-07                   | 1100 North Oard Road                              | Bloomington       | Various Course<br>Lime                              | 0.63  | 92.83  | 67.40     | 34.30         | 19.30         | 1.42                         | 1.34                         |
| CalCar Quarries, Inc   | 52102-10                   | 860 East US Hwy 150                               | Paoli             | Ledges 1-16   | 2.31  | 96.95  | 85.30     | 43.30         | 23.80         | 1.12                         | 1.08                         |
| Cave Quarries Inc  | 77000-97                   | 1156 N 425 W.                                     | Paoli             | Ledges 4-10   | 1.13  | 86.56  | 97.10     | 52.90         | 27.00         | 1.09                         | 1.06                         |
| Lincoln Park Stone -<br>Putnamville Quarry   | 52102-30                   | 995 W. US40                                       | Putnamville       | Ledges 1-6  | 0.54  | 94.04  | 65.70     | 34.30         | 19.20         | 1.42                         | 1.34                         |
| Martin Marietta Aggregates -<br>Cloverdale Quarry - 2 miles<br>North of Cloverdale | 52102-33                   | 2010 East County<br>Road 800 South                | Cloverdale        | 58' Face West<br>Pit, South Face,<br>Ledges 101-402 | 0.74  | 91.39  | 90.00     | 51.80         | 28.80         | 1.05                         | 1.05                         |
| Mulzer Crushed Stone -<br>Temple Quarry  | 52102-11                   | 2785 East Temple<br>Road                          | English           | Various   | 1.62  | 93.44  | 86.50     | 46.80         | 20.00         | 1.18                         | 1.08                         |
| Mulzer Crushed Stone - Cape<br>Sandy   | 52102-18                   | 19925 Alton Fredonia<br>Rd.                       | Leavenworth       | Various   | 4.09  | 92.39  | 99.50     | 66.00         | 39.00         | 0.85                         | 0.90                         |
| Mulzer Crushed Stone -<br>Evansville Materials                                     | 52100-49                   | 900 NW Riverside Dr.                              | Evansville        | Various   | 11.88 | 96.20  | 81.80     | 41.10         | 20.00         | 1.22                         | 1.13                         |
| Mulzer Crushed Stone - Tower<br>Quarry   | 52102-14                   | 7172 South Tower<br>Road                          | Leavenworth       | Various   | 2.72  | 94.51  | 96.60     | 57.80         | 25.10         | 0.99                         | 0.94                         |

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| Newton County Stone Company (Rogers Group Inc) - South of the Main Gate | 52102-01             | 235 E. US 24                       | Kentland          | Fine Blend (Pit 8 Ledges 1-2 Level A) Pit 8 Ledges 1-2 Footage 0.0-15.0M   | 12.32 | 95.96  | 90.90     | 46.90      | 27.10      | 1.04                   | 1.03                   |
| Newton County Stone Company (Rogers Group Inc) - South of the Main Gate | 52102-01             | 235 E. US 24                       | Kentland          | Coarse Blend (Pit 8 Ledges 1-2 Level A) Pit 8 Ledges 1-2 Footage 0.0-15.0M | 11.83 | 91.75  | 75.50     | 37.90      | 24.10      | 1.27                   | 1.26                   |
| Rogers Group - Mitchell Crushed Stone                                   | 52102-04             | 3020 SR 60 West                    | Mitchell          | Ledges 3-7   | 0.43  | 92.45  | 76.30     | 37.90      | 20.20      | 1.32                   | 1.24                   |
| The Andersons   | 52102-37             | 101 Agrico Lane                    | Seymour           | High Calcium Pelletized Lime   | 1.98  | 89.71  | 97.70     | 91.20      | 78.10      | 0.60                   | 0.80                   |
| <b>Missouri</b>   |                      |                                    |                   |  |       |        |           |            |            |                        |                        |
| Bussen Quarries Inc - Koch  | 52302-07             | 5000 Bussen Rd.                    |                   | Ledges 5-21, 150'  | 2.59  | 89.69  | 95.20     | 50.50      | 26.90      | 1.08                   | 1.06                   |
| Bussen Quarries Inc - Antire Quarry                                     | 52302-65             | 6800 Bussen Antire Rd.             | Eureka            | Ledges 5-27, 250' Stockpile #1 Ultra Fine Lime (UFL)                       | 5.76  | 97.94  | 99.90     | 99.70      | 96.30      | 0.48                   | 0.69                   |
| Central Limestone - Huntington  | 52302-04             |                                    | Huntington        | Common Stockpile   | 0.60  | 94.90  | 99.30     | 59.90      | 22.00      | 1.00                   | 0.91                   |
| Central Stone #31 Fort Belle  | 52302-53             | 14200 Lewis and Clark Blvd.        | Florrisant        | Ledges 3-9   | 1.58  | 94.59  | 100.00    | 100.00     | 97.60      | 0.50                   | 0.71                   |
| Heartland Materials   | 77000-99             | 1965 Count Road 601                | Jackson           | Ledge 30<br>30.0 M   | 1.69  | 98.34  | 99.30     | 57.70      | 25.80      | 0.94                   | 0.90                   |
| Mississippi Lime - St. Genevieve  | 52302-08             | 16147 US-61                        | St. Genevieve     | Underground Code H   | 0.34  | 124.59 | 100.00    | 96.60      | 68.40      | 0.45                   | 0.55                   |
| Mississippi Lime - St. Genevieve  | 52302-08             | 16147 US Highway 61                | St. Genevieve     | 30.M underground   | 0.26  | 98.99  | 100.00    | 100.00     | 99.40      | 0.47                   | 0.68                   |
| Mississippi Lime - St. Genevieve  | 52302-08             | 16147 US-61                        | St. Genevieve     | 30.0 M Underground R-1 Soil Conditioner                                    | 0.31  | 98.21  | 100.00    | 85.50      | 27.40      | 0.80                   | 0.75                   |

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|---|----------------------------|---------------------------------------|-------------------|---|-------|--------|-----------|---------------|---------------|------------------------------|------------------------------|
| Mississippi Lime - St.<br>Genevieve       | 52302-08                   | 16147 US-61                           | St. Genevieve     | 30.0 M<br>Underground R-2<br>Soil Conditioner | 0.25  | 98.45  | 100.00    | 100.00        | 99.10         | 0.47                         | 0.69                         |
| Mississippi Lime - St.<br>Genevieve       | 52302-08                   | 16147 US-61                           | St. Genevieve     | 30.0 M<br>Underground<br>Lime Hydrated        | 0.38  | 125.00 | 100.00    | 99.10         | 37.80         | 0.54                         | 0.54                         |
| Mississippi Lime - St.<br>Genevieve       | 52302-08                   | 16147 US-61                           | St. Genevieve     | 30.0 M<br>Underground<br>Code L               | 0.41  | 123.75 | 98.10     | 94.10         | 79.70         | 0.43                         | 0.57                         |
| Simpson Materials - Barnhart<br>Quarry 21 | 52302-51                   | 850 Sulpher Springs<br>Rd.            | Imperial          | Ledge 1-5                                     | 0.32  | 96.30  | 99.80     | 77.60         | 47.10         | 0.72                         | 0.80                         |
| Tower Rock Stone                          | 52302-39                   | 19829 Lower<br>Frenchman Drive        | Ste. Genevieve    |   | 1.18  | 98.46  | 99.50     | 69.80         | 39.10         | 0.78                         | 0.82                         |
| <b>Wisconsin</b>                          |                            |                                       |                   |   |       |        |           |               |               |                              |                              |
| Lannon Stone Products - West<br>Quarry    | 52402-64                   | N52 W23096 Libson<br>Rd.              | Sussex            | Top bench 0.0-<br>15.2M                       | 11.83 | 90.66  | 100.00    | 99.50         | 91.60         | 0.53                         | 0.75                         |
| Little Limestone                          | 52402-86                   | 8609 E. Little II                     | Clinton           | 12.2-18.3M                                    | 12.33 | 93.59  | 91.00     | 75.80         | 52.30         | 0.73                         | 0.86                         |