

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.

Here 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 #8 | Passing #30 | Passing #60 |
|---|-----------------------|------------------------|------------------------|
| Step 1 Jones County Cr Stone | 85.9 | 35.2 | 21.4 |
| | Weight Percent | | |
| Step 2 (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
= 1.26
36.65

Step 7
1.26 x (ton-per-acre recommendation in your soil analysis) = ton-per-acre of Jones County Cr Stone to apply.

| COUNTY PRODUCER NAME | CITY ADDRESS | STOCKPILE OR LEDGE LOCATION | CCE | MG | PASS #8 | PASS #30 | PASS #60 | CORRECTION FACTORS | |
|--|--------------------------|--|--------|-------|------------|-------------|-------------|-----------------------|--------|
| | | | | | | | | 1 YEAR | 4 YEAR |
| INDIANA | | | | | | | | | |
| BLOOMINGTON CRUSHED STONE 52102-07 | BLOOMINGTON 5 MI. W. | 17.7M (58') FACE - LEDGE # 1 | 92.96 | 0.23 | 100.0 | 100.0 | 100.0 | 0.50 | 0.73 |
| CALCAR QUARRIES 52102-10 | PAOLI 1.5 MI. E. | STOCK - 39.6M (130') FACE - LEDGES 3+4+5 | 94.85 | 1.73 | 87.6 | 46.9 | 30.3 | 1.03 | 1.06 |
| CORYDON CRUSHED STONE 52102-25 | CORYDON 2 MI. N.W. | LOWER 11.6M FACE - LEDGE # 1 | 94.35 | 1.91 | 97.9 | 62.7 | 42.2 | 0.82 | 0.91 |
| MULZER CRUSHED STONE 52102-18 | CAPE SANDY S. EDGE | 19.8M (65') FACE - LEDGES 9,10, 11 - EAST QUARRY | 91.33 | 2.20 | 98.0 | 61.2 | 42.6 | 0.85 | 0.95 |
| MULZER CRUSHED STONE 52102-18 | CAPE SANDY S. EDGE | 18.6M FACE - LEDGES 102, 1, 6-8 - WEST QUARRY | 93.97 | 1.07 | 92.7 | 50.4 | 33.3 | 0.97 | 1.02 |
| MULZER CRUSHED STONE 52102-11 | ENGLISH 3 MI. E. | STOCK - 4.3M (14') FACE - LEDGE #2 | 91.83 | 0.25 | 98.8 | 56.3 | 35.6 | 0.93 | 0.97 |
| MITCHELL CRUSHED STONE 52102-04 | MITCHELL 7 MI. W. | STOCK - 2-7M (9') FACE - LEDGE #1 | 88.69 | 0.25 | 98.2 | 58.5 | 40.3 | 0.91 | 0.99 |
| MULZER CRUSHED STONE 52102-14 | TOWER 3 MI. S. | 5.8 M FACE - LEDGE # 4 | 94.10 | 2.20 | 91.4 | 48.3 | 29.9 | 1.02 | 1.04 |
| MULZER CRUSHED STONE 77000-97 | MT. VERNON 5 MI. S.W. | CHARLESTON QUARRY "MAG" STOCKPILE | 95.04 | 11.42 | 92.7 | 51.7 | 38.0 | 0.91 | 1.00 |
| NEWTON COUNTY STONE 52102-01 | KENTLAND 2 MI. E. | C8S3 PLATTEVILLE, PECATONICA, GALENA | 99.37 | 10.42 | 98.2 | 60.9 | 44.3 | 0.78 | 0.87 |
| NEWTON COUNTY STONE 52102-01 | KENTLAND 2 MI. E. | A7L18 PLATTEVILLE, PECATONICA, GALENA | 96.86 | 9.78 | 95.2 | 52.0 | 34.4 | 0.92 | 0.97 |
| OWEN VALLEY QUARRY 52102-31 | SPENCER 1-1/4 MI. W. | 0M - 17.7M FACE - LEDGE # 1 | 93.72 | 1.41 | 98.9 | 52.7 | 33.7 | 0.94 | 0.98 |
| IOWA | | | | | | | | | |
| LINWOOD MINING & MINERAL 52202-08 | LINWOOD | 6.1M UPPER LEDGE DAV/SPG, BEDS (20- 25) 3000N-4000N & 6000E-7000E | 90.50 | 0.16 | 78.7 | 39.4 | 29.2 | 1.18 | 1.24 |
| MOLINE CONSUMERS 52202-10 | LECLAIRE N. EDGE | LEDGE 4, 150-200' LEVEL, BEDS 13-19, S. SIDE OF FAULT. | 100.75 | 12.51 | 84.6 | 46.6 | 34.6 | 0.94 | 1.01 |
| MOLINE CONSUMERS 52202-16 | McCAUSLAND | | 104.35 | 11.71 | 76.8 | 41.0 | 30.3 | 1.01 | 1.07 |
| WENDLING-SHAFTON 52202-06 | CAMANCHE | BEDS 3-15, HEIGHT 55'-60' FACE WEST SIDE | 102.00 | 12.70 | 78.1 | 39.1 | 27.0 | 1.08 | 1.10 |
| MISSOURI | | | | | | | | | |
| BUSSEN QUARRY 52302-65 | EUREKA | LEDGES 12-14 | 96.61 | 2.58 | 99.9 | 72.5 | 47.2 | 0.73 | 0.82 |
| BUSSEN QUARRY 52302-07 | KOCH STATION | LEDGES 16-21 (60') | 89.95 | 1.75 | 100.0 | 100.0 | 100.0 | 0.52 | 0.75 |

| COUNTY PRODUCER NAME | CITY ADDRESS | STOCKPILE OR LEDGE LOCATION | CCE | MG | PASS #8 | PASS #30 | PASS #60 | CORRECTION FACTORS | |
|--|-------------------------------|---|--------|-------|------------|-------------|-------------|-----------------------|--------|
| | | | | | | | | 1 YEAR | 4 YEAR |
| BUSSEN #6 AT FT. BELLE 52302-53 | FLORISSANT | STOCK - VARIOUS LEDGES (POLYMERS ADDED) | 63.32 | 2.82 | 100.0 | 100.0 | 100.0 | 0.73 | 1.07 |
| BUSSEN #6 AT FT. BELLE 52302-53 | FLORISSANT | STOCK - VARIOUS LEDGES | 79.40 | 1.77 | 99.0 | 92.2 | 87.6 | 0.64 | 0.89 |
| CENTRAL STONE - HUNTINGTON 52302-04 | HUNTINGTON | STOCK | 90.05 | 0.45 | 99.7 | 79.9 | 56.8 | 0.71 | 0.84 |
| CENTRAL STONE 52302-46 | TAYLOR N. EDGE | 0M-8.5M LDG #1 | 90.58 | 1.07 | 94.4 | 54.9 | 36.9 | 0.95 | 1.01 |
| MARTIN MARIETTA APPLETON QUARRY 52302-59 | APPLETON S. EDGE | 6.1 METER LEDGE 14A, 15A - STOCKPILE NO. 1 | 95.77 | 4.76 | 99.4 | 68.8 | 46.0 | 0.76 | 0.85 |
| MARTIN MARIETTA PERRYVILLE QUARRY 52302-41 | PERRYVILLE 6 MI. N. | 9.4 M LEDGE NO. 2, STOCKPILE NO. 1 REGULAR LIME | 92.16 | 3.11 | 87.2 | 38.0 | 24.9 | 1.20 | 1.18 |
| MARTIN MARIETTA PERRYVILLE QUARRY 52302-41 | PERRYVILLE 6 MI. N. | 9.4 M LEDGE NO. 2, STOCKPILE NO. 2 FINE LIME | 92.79 | 2.07 | 99.9 | 93.2 | 75.0 | 0.58 | 0.76 |
| W.B. SMITH 52302-28 | LOUISIANA S. EDGE | STOCK | 95.27 | 0.13 | 96.3 | 60.3 | 41.6 | 0.83 | 0.92 |
| WISCONSIN | | | | | | | | | |
| FRANKLIN AGGREGATE 52402-99 | FRANKLIN | COMBINED LEDGES | 100.50 | 14.36 | 68.6 | 33.7 | 24.4 | 1.23 | 1.24 |
| LITTLE LIMESTONE, INC. 52402-96 | CLINTON 1 MI. N. | | 96.88 | 11.81 | 95.3 | 81.4 | 74.4 | 0.59 | 0.79 |
| WAUKESHA LIME 52402-05 | WAUKESHA | COMBINED LEDGES | 102.99 | 14.65 | 82.5 | 45.2 | 33.1 | 0.95 | 1.01 |
| ADAMS | | | | | | | | | |
| CENTRAL STONE 50012-04 | LORAINE 2 MI. S. | STOCK | 79.52 | 3.51 | 83.1 | 49.0 | 37.2 | 1.15 | 1.27 |
| CENTRAL STONE 50012-33 | MARBLEHEAD N.E. EDGE | 0-9.1M LEDGE #1 | 97.26 | 1.45 | 90.0 | 56.5 | 40.8 | 0.85 | 0.95 |
| CENTRAL STONE 50012-06 | QUINCY 5 MI. E. | VARIOUS LEDGES | 86.19 | 0.42 | 93.1 | 55.1 | 37.4 | 0.99 | 1.07 |
| CENTRAL STONE 50012-22 | RICHFIELD 1 MI. S.E. | STOCKPILE | 84.82 | 3.40 | 82.6 | 54.9 | 39.8 | 1.02 | 1.14 |
| BOONE | | | | | | | | | |
| CHARLES LEE & SON 50072-02 | IRENE 1 MI. S. | 0-86' | 97.25 | 11.68 | 88.7 | 52.0 | 37.6 | 0.90 | 0.99 |
| ROCKFORD SAND AND GRAVEL 50072-01 | BELVIDERE 3 MI. S.W. | 0-86' | 99.75 | 12.23 | 87.3 | 51.4 | 37.3 | 0.89 | 0.97 |
| CARROLL | | | | | | | | | |
| EAGLE CREEK QUARRIES 50152-53 | MILLEDGEVILLE 1.5 MI. N.E. | 1.8M-12.2M | 97.81 | 5.18 | 79.8 | 52.3 | 39.3 | 0.91 | 1.02 |

| COUNTY PRODUCER NAME | CITY ADDRESS | STOCKPILE OR LEDGE LOCATION | CCE | MG | PASS #8 | PASS #30 | PASS #60 | CORRECTION FACTORS | |
|--|--------------------------|---|--------|-------|------------|-------------|-------------|-----------------------|--------|
| | | | | | | | | 1 YEAR | 4 YEAR |
| FISCHER EXCAVATING 50152-93 | GEORGETOWN 1 MI. N. | 6.1-13.7M SOUTH FACE | 82.21 | 9.80 | 71.0 | 41.1 | 31.6 | 1.29 | 1.39 |
| HEISLER STONE 50152-16 | MT. CARROLL 5 MI. E. | 6.1-15.2M, S.W. FACE | 102.24 | 12.02 | 83.0 | 50.5 | 35.6 | 0.90 | 0.98 |
| LOBERG EXCAVATING 50152-78 | LANARK 3 MI. N. | 0-16.8M NEW WEST FACE | 97.14 | 11.62 | 89.3 | 52.3 | 37.9 | 0.90 | 0.98 |
| NELSON QUARRY PRODUCTS 50152-71 | LANARK 1 MI. N.W. | 0-10.7M WEST FACE | 100.00 | 11.75 | 86.7 | 57.6 | 35.4 | 0.87 | 0.93 |
| SAVANNA BLACKTOP & QUARRY 50152-92 | WACKER 2 MI. N.W. | 15.2-24.4M FACE, N. FACE | 102.49 | 12.96 | 75.5 | 43.6 | 31.1 | 1.01 | 1.07 |
| WENDLING QUARRIES 50152-74 | MT. CARROLL 2 MI. W. | 3.1M-18.0M NORTH FACE | 98.88 | 11.48 | 78.3 | 43.3 | 31.1 | 1.04 | 1.10 |
| CHRISTIAN | | | | | | | | | |
| MARTIN MARIETTA 50212-04 | PANA | COMBINED LEDGES | 91.04 | 0.56 | 72.6 | 34.9 | 24.8 | 1.31 | 1.32 |
| CLARK | | | | | | | | | |
| QUALITY LIME 50232-05 | MARSHALL 1.5 MI. S.E. | SOUTH PIT, BOTTOM LEDGE | 87.31 | 1.86 | 99.2 | 55.6 | 35.7 | 0.98 | 1.03 |
| VULCAN MATERIALS 50232-02 | CASEY | 6M FULL FACE, GRID LOC. AC48 | 89.05 | 0.41 | 80.4 | 32.6 | 21.0 | 1.39 | 1.33 |
| COLES | | | | | | | | | |
| CHARLESTON STONE 50292-02 | CHARLESTON | EAST PIT, TOP LEDGE, 12 FT. | 81.47 | 0.37 | 81.5 | 40.2 | 29.2 | 1.30 | 1.35 |
| CHARLESTON STONE 50292-02 | CHARLESTON | EAST PIT, TOP LEDGE, FA20 PLANT, 12 FT. LEDGE | 77.74 | 0.50 | 99.1 | 78.7 | 52.8 | 0.85 | 0.99 |
| COOK | | | | | | | | | |
| MATERIAL SERVICE 50312-02 | LAGRANGE | VARIOUS LEDGES - STOCKPILE | 101.37 | 14.49 | 76.7 | 35.5 | 23.4 | 1.18 | 1.16 |
| MATERIAL SERVICE 50312-04 | THORNTON | LEVELS 1, 2 & 3 | 101.51 | 11.66 | 94.7 | 48.4 | 32.6 | 0.91 | 0.95 |
| VULCAN MATERIALS - MCCOOK 50312-78 | MCCOOK | VARIOUS LEDGES - MAIN PLANT | 95.02 | 13.56 | 74.2 | 39.5 | 28.6 | 1.15 | 1.20 |
| DEKALB | | | | | | | | | |
| ELMER LARSON LLC 50372-02 | CORTLAND 2.5 MI. N.E. | 0-34' | 92.16 | 13.44 | 93.5 | 53.0 | 40.6 | 0.91 | 1.01 |
| VULCAN MATERIALS 50372-01 | SYCAMORE 3 MI. N. | 0-172' | 103.48 | 12.31 | 75.2 | 44.3 | 30.5 | 1.00 | 1.05 |

| COUNTY PRODUCER NAME | CITY ADDRESS | STOCKPILE OR LEDGE LOCATION | CCE | MG | PASS #8 | PASS #30 | PASS #60 | CORRECTION FACTORS | |
|--|----------------------------|--|--------|-------|------------|-------------|-------------|-----------------------|--------|
| | | | | | | | | 1 YEAR | 4 YEAR |
| DOUGLAS | | | | | | | | | |
| TUSCOLA STONE CO. 50412-01 | TUSCOLA 1.5 MI. S.E. | ALL LEDGES | 88.13 | 10.35 | 91.6 | 50.8 | 37.8 | 0.99 | 1.09 |
| GREENE | | | | | | | | | |
| ORTON QUARRY 50612-01 | HILLVIEW 1.5 MI. S. | LEVEL 1, 18.3M | 98.24 | 5.80 | 85.2 | 56.3 | 42.6 | 0.84 | 0.96 |
| VALSTAD QUARRY 50612-02 | KANE 3.5 MI. W. | BENCH 5, 6 - 13.7M | 90.67 | 1.45 | 76.4 | 37.6 | 24.1 | 1.28 | 1.27 |
| HANCOCK | | | | | | | | | |
| CENTRAL STONE 50672-01 | CARTHAGE 4.5 MI. E. | VARIOUS LEDGES | 64.32 | 2.58 | 86.1 | 56.0 | 44.3 | 1.27 | 1.47 |
| GRAY 50672-03 | HAMILTON W. EDGE | VARIOUS LEDGES, COMMON STOCKPILE | 88.93 | 2.53 | 68.7 | 36.5 | 27.4 | 1.30 | 1.36 |
| GRAY 50672-03 | HAMILTON W. EDGE | 35.1M - 54.9M LEDGE #4-7 | 91.42 | 3.00 | 75.7 | 40.5 | 31.5 | 1.15 | 1.23 |
| R.L. O'NEAL 50672-04 | PLYMOUTH 3 MI. NW. | VARIOUS LEDGES | 79.85 | 1.94 | 88.8 | 52.9 | 35.9 | 1.11 | 1.20 |
| HARDIN | | | | | | | | | |
| HASTIE MINING 50692-04 | CAVE-IN-ROCK 3 MI. N.E. | 0-42' BELOW ROSICLARE SANDSTONE | 84.19 | 2.14 | 82.2 | 43.4 | 28.7 | 1.23 | 1.26 |
| MARTIN MARIETTA HC #1 50692-07 | CAVE-IN-ROCK 2 MI. N. | 153-219' BELOW ROSICLARE SANDSTONE | 95.13 | 3.20 | 85.6 | 46.4 | 29.6 | 1.05 | 1.07 |
| MARTIN MARIETTA HC #2 50692-02 | CAVE-IN-ROCK 2 MI. N. | STOCKPILE | 85.50 | 1.85 | 87.8 | 43.7 | 28.8 | 1.19 | 1.21 |
| MARTIN MARIETTA ROSICLARE PLANT 50692-09 | ROSICLARE 4 MI. W. | STOCKPILE | 90.38 | 1.08 | 75.6 | 37.9 | 25.9 | 1.26 | 1.28 |
| HENDERSON | | | | | | | | | |
| BIGGSVILLE QUARRY (CESSFORD) 50712-03 | BIGGSVILLE | HAIGHT CREEK & DOLBEE CREEK, 50' TO 115' | 77.49 | 5.10 | 85.6 | 54.2 | 43.2 | 1.07 | 1.24 |
| HENRY | | | | | | | | | |
| MOLINE CONSUMERS CO. 50732-12 | CLEVELAND EAST | LEDGE 8, 65.5-77.7M (215-255 FT.) LEVEL | 103.48 | 12.90 | 96.3 | 70.3 | 41.8 | 0.73 | 0.79 |
| IROQUOIS | | | | | | | | | |
| PRAIRIE MATERIALS 50752-01 | ASHKUM 8 MI. W. | A LEDGE GRID QP6 | 91.46 | 1.95 | 70.9 | 31.9 | 21.8 | 1.40 | 1.37 |

| COUNTY PRODUCER NAME | CITY ADDRESS | STOCKPILE OR LEDGE LOCATION | CCE | MG | PASS #8 | PASS #30 | PASS #60 | CORRECTION FACTORS | |
|--|----------------------------|---|--------|-------|------------|-------------|-------------|-----------------------|--------|
| | | | | | | | | 1 YEAR | 4 YEAR |
| JACKSON | | | | | | | | | |
| KINKAID STONE 50772-02 | AVA 5 MI. S.W. | 0-7.6M BEL. SH., WILSON PIT | 89.20 | 1.23 | 83.7 | 43.8 | 29.1 | 1.15 | 1.18 |
| JERSEY | | | | | | | | | |
| CALHOUN QUARRY (EAST) 50832-03 | HARDIN 4 MI. E. | LEVEL 2, 17.07M | 94.15 | 0.89 | 87.2 | 50.2 | 33.5 | 0.99 | 1.04 |
| VALSTAD QUARRY (FIELDON) 50832-02 | FIELDON 2 MI. S. | BENCH #10 (29 FT.) 8.83M | 80.60 | 0.92 | 85.7 | 46.9 | 33.0 | 1.19 | 1.26 |
| JO DAVIES | | | | | | | | | |
| CONMAT, INC. 50852-61 | ELIZABETH 1 MI. W. | 0-21.3M NW FACE, FINES - WASH OPER. (FINE LIME) | 98.75 | 12.56 | 78.4 | 50.1 | 38.8 | 0.92 | 1.03 |
| CONMAT, INC. 50852-61 | ELIZABETH 1 MI. W. | 0-70' N.W., 0-21.3M NW FACE | 91.88 | 11.28 | 100.0 | 100.0 | 100.0 | 0.50 | 0.73 |
| CONMAT, INC. 50852-06 | GALENA 1 MI. S. | 60'-100' (18.3M-30.5M) | 92.25 | 5.13 | 87.1 | 47.7 | 35.3 | 1.00 | 1.09 |
| CONMAT, INC. 50852-29 | GALENA 3 MI. N.W. | 0'-50' WEST (0-15.2M WEST FACE) | 96.25 | 11.11 | 91.3 | 63.2 | 50.0 | 0.77 | 0.91 |
| CONMAT, INC. 50852-18 | SCALES MOUND 1.5 MI. S. | 0'-50' NORTH (0-15.2M NORTH FACE) | 93.09 | 11.12 | 93.2 | 54.5 | 41.9 | 0.88 | 0.99 |
| CONMAT, INC. 50852-67 | STOCKTON 4 MI. N. | 0-50' N.W. (0-15.2M NW FACE) | 97.50 | 11.51 | 81.5 | 49.5 | 37.6 | 0.93 | 1.04 |
| FISCHER EXCAVATING 50852-20 | STOCKTON 2.5 MI. S.W. | 0-18.3M | 96.86 | 12.08 | 84.9 | 48.2 | 35.7 | 0.96 | 1.04 |
| JOHNSON | | | | | | | | | |
| SOUTHERN ILLINOIS STONE 50872-03 | BUNCOMBE 2.5 MI. N.E. | VARIOUS | 86.93 | 1.52 | 75.9 | 39.9 | 28.4 | 1.25 | 1.30 |
| VULCAN CYPRESS 50872-02 | CYPRESS 3 MI. S. | 30.8-46.6M BAV, N. FACE | 89.82 | 1.85 | 80.4 | 42.1 | 27.6 | 1.19 | 1.21 |
| KANE | | | | | | | | | |
| CONCO WESTERN STONE 50892-01 | NORTH AURORA | VARIOUS LOCATIONS | 96.14 | 5.33 | 98.1 | 59.8 | 40.8 | 0.83 | 0.91 |
| FOX RIVER STONE 50892-02 | SOUTH ELGIN | 40' LEDGE, SOUTH CELL, WEST SIDE | 94.42 | 11.83 | 79.7 | 37.5 | 26.3 | 1.19 | 1.20 |
| KANKAKEE | | | | | | | | | |
| PRAIRIE GROUP NORTH CENTRAL 50912-06 | MANTENO 5 MI. S.W. | A LEDGE GRID OPQ21, LEDGE FOOTAGE 6'-65' | 100.75 | 11.88 | 81.6 | 39.7 | 25.8 | 1.09 | 1.09 |
| VULCAN LEHIGH 50912-02 | KANKAKEE 7 MI. W. | GRID I9, BC LEDGE, 41' TO 82' | 96.11 | 11.90 | 82.0 | 40.8 | 29.0 | 1.10 | 1.13 |
| VULCAN MATERIALS 50912-04 | MANTENO 3 MI. S. | ABC LEDGE, GRID AE42, 0-72' | 102.32 | 12.61 | 75.0 | 40.6 | 29.2 | 1.05 | 1.10 |

| COUNTY PRODUCER NAME | CITY ADDRESS | STOCKPILE OR LEDGE LOCATION | CCE | MG | PASS #8 | PASS #30 | PASS #60 | CORRECTION FACTORS | |
|-----------------------------------|--------------------------|--|--------|-------|------------|-------------|-------------|-----------------------|--------|
| | | | | | | | | 1 YEAR | 4 YEAR |
| KENDALL | | | | | | | | | |
| CENTRAL LIMESTONE 50932-01 | LISBON 2.5 MI. E. | 0-80' VARIOUS LOCATIONS | 98.99 | 7.77 | 99.5 | 78.2 | 60.0 | 0.64 | 0.78 |
| VALLEY RUN STONE 50932-02 | LISBON 1.5 MI. E. | 0-120' VARIOUS LOCATIONS | 95.35 | 10.73 | 83.2 | 43.6 | 32.6 | 1.04 | 1.11 |
| LASALLE | | | | | | | | | |
| MOLINE CONSUMERS 50992-04 | LOWELL | VARIOUS LEDGES & LOCATIONS | 89.20 | 3.46 | 87.2 | 56.8 | 40.4 | 0.94 | 1.05 |
| MOLINE CONSUMERS 50992-01 | TROY GROVE 1/4 MI. E. | VARIOUS LOCATIONS 0-80' FINE | 78.02 | 8.32 | 99.6 | 99.2 | 96.4 | 0.61 | 0.87 |
| MOLINE CONSUMERS 50992-01 | TROY GROVE 1/4 MI. E. | VARIOUS LOCATIONS 0-80' | 93.59 | 10.73 | 84.7 | 48.3 | 38.1 | 0.97 | 1.08 |
| UTICA STONE 50992-02 | UTICA 0.5 MI. S. | 0-36' LEDGE GRID 0- 22/P-22 COARSE GRIND | 71.89 | 10.54 | 67.6 | 32.7 | 24.4 | 1.74 | 1.76 |
| UTICA STONE 50992-02 | UTICA 0.5 MI. S. | 0-36' LEDGE GRID 0- 22/P-22 FINE GRIND | 69.03 | 9.41 | 99.0 | 64.2 | 45.6 | 1.08 | 1.22 |
| LEE | | | | | | | | | |
| FRANK N. BUTLER CO. 51032-30 | LEE CENTER 2 MI. E. | 0-18.3M, N. FACE | 95.98 | 11.58 | 83.2 | 48.5 | 39.2 | 0.94 | 1.06 |
| MACKLIN, INC. 51032-39 | STEWARD 2.5 MI. S.W. | 0-20.4M & 13.7M-20.4M | 92.09 | 11.26 | 81.0 | 51.2 | 38.1 | 0.98 | 1.09 |
| PRAIRIE MATERIALS 51032-80 | DIXON 0.5 MI. E. | 3.7M-11M & 6.1M-14.6M | 90.81 | 11.66 | 77.5 | 40.7 | 30.8 | 1.15 | 1.23 |
| RENNER QUARRIES, LTD. 51032-04 | AMBOY 1.5 MI. W. | 0-19.8M N. FACE | 101.75 | 11.99 | 81.9 | 49.2 | 32.1 | 0.95 | 1.00 |
| RENNER QUARRIES, LTD 51032-76 | ELDENA 2.5 MI. W. | 23.2M-28M | 98.30 | 11.94 | 74.0 | 42.6 | 30.0 | 1.07 | 1.13 |
| WASTONE QUARRY CO. 51032-47 | DIXON W. | +6.1M-21.3M & 3M-21.3M | 101.00 | 11.87 | 78.8 | 49.6 | 34.8 | 0.93 | 1.01 |
| LIVINGSTON | | | | | | | | | |
| PRAIRIE MATERIALS 51052-15 | MCDOWELL | 3.5M FACE, VARIOUS LOCATIONS | 89.18 | 0.72 | 78.7 | 38.5 | 26.4 | 1.25 | 1.27 |
| PRAIRIE MATERIALS 51052-17 | OCAYA | 6.5M FACE, VARIOUS LOCATIONS | 77.74 | 0.90 | 85.9 | 49.4 | 37.0 | 1.16 | 1.28 |
| VALLEY VIEW 51052-13 | OCAYA | 4.5M FACE, VARIOUS LOCATIONS, MILLED | 89.80 | 0.94 | 98.6 | 73.3 | 55.4 | 0.74 | 0.89 |
| VALLEY VIEW 51052-13 | OCAYA | 4.5M FACE, VARIOUS LOCATIONS, BLENDED | 90.17 | 0.95 | 96.6 | 60.8 | 43.4 | 0.86 | 0.97 |
| LOGAN | | | | | | | | | |
| MATERIAL SERVICE #10 51072-05 | LINCOLN 4 MI. W.S.W. | COMBINED LEDGES | 88.68 | 1.20 | 86.2 | 42.5 | 29.0 | 1.16 | 1.18 |

| COUNTY PRODUCER NAME | CITY ADDRESS | STOCKPILE OR LEDGE LOCATION | CCE | MG | PASS #8 | PASS #30 | PASS #60 | CORRECTION FACTORS | |
|---|------------------------------|--|--------|-------|------------|-------------|-------------|-----------------------|--------|
| | | | | | | | | 1 YEAR | 4 YEAR |
| MADISON | | | | | | | | | |
| ALBY QUARRY 51192-03 | ALTON | BENCH # 12, 7.0M | 88.43 | 8.80 | 99.8 | 66.1 | 44.4 | 0.85 | 0.94 |
| BLUFF CITY MINERALS 51192-02 | ALTON S.W. EDGE | LEVEL 1,2 22.86M | 90.08 | 2.28 | 81.2 | 43.0 | 30.4 | 1.14 | 1.19 |
| HIGH CAL PELLETT LIME 51192-04 | ALTON S.E. EDGE | LEVEL # 1, 2 22.9M | 89.57 | 1.32 | 99.6 | 95.7 | 80.6 | 0.58 | 0.77 |
| LOHR QUARRY 51192-01 | GODFREY 3.5 MI. NW. | LEVEL 1-3, 54 FT. | 88.93 | 7.99 | 77.1 | 41.0 | 30.8 | 1.18 | 1.25 |
| MCDONOUGH | | | | | | | | | |
| CENTRAL STONE CO. 51092-01 | COLCHESTER | 30' - AT 650 BT 250 | 70.65 | 2.32 | 94.5 | 57.7 | 42.4 | 1.14 | 1.27 |
| MCCLURE QUARRIES 51092-02 | TENNESSEE 1 MI. N. | N.W. FACE (GRID #7) | 78.64 | 4.78 | 92.3 | 56.2 | 44.6 | 1.02 | 1.17 |
| MENARD | | | | | | | | | |
| MATERIAL SERVICE #17 51292-02 | ATHENS 4 MI. N. | COMBINED LEDGES | 88.56 | 0.74 | 90.7 | 44.9 | 30.9 | 1.10 | 1.14 |
| MONROE | | | | | | | | | |
| COLUMBIA QUARRY CO. #7 51332-04 | WATERLOO 3 MI. SOUTH | STOCKPILE NO. 1, 24.4 METER, LEDGE 1-3 | 93.91 | 3.34 | 92.0 | 48.2 | 33.4 | 0.99 | 1.04 |
| MONTGOMERY | | | | | | | | | |
| MATERIAL SERVICE # 12 51352-01 | NOKOMIS 3 MI. N. | COMBINED LEDGES | 94.60 | 0.42 | 85.7 | 40.2 | 25.9 | 1.14 | 1.14 |
| MATERIAL SERVICE #58 51352-04 | NOKOMIS 3 MI. N. | COMBINED LEDGES | 92.59 | 0.45 | 93.6 | 50.6 | 35.3 | 0.97 | 1.03 |
| NOKOMIS QUARRY 51352-03 | NOKOMIS 4 MI. N. | COMBINED LEDGES - AGG LIME | 91.58 | 0.70 | 83.4 | 41.4 | 27.8 | 1.15 | 1.17 |
| NOKOMIS QUARRY 51352-03 | NOKOMIS 4 MI. N. | COMBINED LEDGES - PEP LIME | 93.72 | 0.68 | 99.5 | 52.8 | 32.7 | 0.95 | 0.97 |
| OGLE | | | | | | | | | |
| ALLIANCE MATERIALS 51412-71 | WOOSUNG N.E. EDGE | 5.5M-13.7M S. FACE | 100.75 | 11.74 | 81.7 | 50.4 | 34.6 | 0.93 | 1.00 |
| FISCHER EXCAVATING 51412-58 | FORRESTON N.W. | +3.1M-15.2M | 98.12 | 12.24 | 86.7 | 57.6 | 39.3 | 0.86 | 0.95 |
| FISCHER EXCAVATING 51412-00 | MONROE CENTER 2 MI. N. | 0-12.2M, N. FACE | 98.74 | 11.73 | 73.0 | 43.7 | 32.7 | 1.03 | 1.12 |
| MACKLIN, INC. 51412-68 | ROCHELLE E. | 0-30.5M | 95.98 | 11.53 | 84.4 | 42.8 | 30.9 | 1.05 | 1.10 |
| ROGERS READY MIX & MATERIALS 51412-32 | BYRON N. EDGE | 0-18.3M | 93.53 | 11.14 | 69.6 | 40.9 | 32.5 | 1.13 | 1.24 |

| COUNTY PRODUCER NAME | CITY ADDRESS | STOCKPILE OR LEDGE LOCATION | CCE | MG | PASS #8 | PASS #30 | PASS #60 | CORRECTION FACTORS | |
|---|---------------------------|---|-------|-------|------------|-------------|-------------|-----------------------|--------|
| | | | | | | | | 1 YEAR | 4 YEAR |
| SHEELY AGGREGATES 51412-07 | ADELINE 1 MI. N.W. | 0-12.2M | 97.11 | 11.41 | 86.0 | 52.2 | 39.0 | 0.90 | 1.00 |
| WASTONE QUARRY CO. 51412-47 | OREGON 2 MI. N.W. | +2.3M-13.7M | 94.23 | 11.90 | 74.0 | 43.6 | 32.7 | 1.08 | 1.17 |
| PIKE | | | | | | | | | |
| CENTRAL STONE 51492-41 | BARRY 2 MI. W. | STOCK | 87.56 | 0.70 | 91.3 | 56.8 | 40.1 | 0.95 | 1.05 |
| CENTRAL STONE 51492-43 | CHAMBERSBURG S.W. EDGE | VARIOUS LEDGES | 67.79 | 0.56 | 82.4 | 47.2 | 35.8 | 1.38 | 1.52 |
| CENTRAL STONE 51492-04 | FLORENCE | COMBINED LEDGES | 81.91 | 0.90 | 85.0 | 51.0 | 36.7 | 1.10 | 1.20 |
| CENTRAL STONE 51492-05 | KINDERHOOK 1 MI. E. | STOCK | 88.32 | 1.20 | 93.8 | 55.7 | 37.3 | 0.96 | 1.04 |
| LACEY & BAUER 51492-03 | PEARL | COMBINED LEDGES | 91.58 | 1.02 | 83.4 | 50.6 | 37.5 | 0.98 | 1.09 |
| V.H. CALLENDER 51492-01 | NEW HARTFORD | LEDGE #1 | 83.42 | 1.09 | 81.8 | 48.9 | 36.2 | 1.11 | 1.22 |
| V.H. CALLENDER 51492-42 | PERRY | COMBINED LEDGES | 73.87 | 1.07 | 84.7 | 49.0 | 36.5 | 1.24 | 1.36 |
| V.H. CALLENDER 51492-02 | VALLEY CITY | COMBINED LEDGES | 82.04 | 0.64 | 78.8 | 44.2 | 31.3 | 1.24 | 1.31 |
| RANDOLPH | | | | | | | | | |
| MARTIN MARIETTA KASKASKIA QUARRY 51572-05 | PRAIRIE DU ROCHER | STOCKPILE NO. 1, 12.2M LEDGE NO 1 | 96.39 | 0.26 | 83.0 | 42.5 | 26.0 | 1.11 | 1.11 |
| ROCK ISLAND | | | | | | | | | |
| MOLINE CONSUMERS CO. 51612-31 | MILAN N.E. EDGE | | 96.14 | 8.08 | 81.2 | 46.9 | 36.6 | 0.97 | 1.08 |
| MOLINE CONSUMERS 51612-23 | OSBORN 1.5 MI. N. | LEDGES 1,2 & 3, 0- 21.3M (0-70') LEVEL | 99.63 | 11.74 | 92.0 | 51.9 | 29.6 | 0.95 | 0.95 |
| SCOTT | | | | | | | | | |
| V.H. CALLENDER 51712-01 | GLASGOW | COMBINED LEDGES | 94.85 | 0.79 | 83.2 | 50.7 | 34.4 | 0.98 | 1.05 |
| SHELBY | | | | | | | | | |
| BRUSH CREEK 51732-01 | STEWARDSON | PICKISH PIT, 20 FT LEDGE | 34.83 | 1.77 | 79.8 | 39.6 | 28.5 | 3.09 | 3.19 |
| ST. CLAIR | | | | | | | | | |
| CASPER STOLLE 51632-05 | DUPO | LEDGE 2-4 (21.5M) | 89.80 | 3.71 | 86.8 | 43.5 | 30.2 | 1.12 | 1.16 |
| COLUMBIA QUARRY CO. #1 51632-01 | COLUMBIA | STOCKPILE NO. 1, 12.2M LEDGE #6 | 94.40 | 2.49 | 85.9 | 41.7 | 26.5 | 1.12 | 1.12 |

| COUNTY PRODUCER NAME | CITY ADDRESS | STOCKPILE OR LEDGE LOCATION | CCE | MG | PASS #8 | PASS #30 | PASS #60 | CORRECTION FACTORS | |
|------------------------------------|---------------------------|--|-------|-------|------------|-------------|-------------|-----------------------|--------|
| | | | | | | | | 1 YEAR | 4 YEAR |
| COLUMBIA QUARRY CO. #9 51632-09 | DUPO | STOCKPILE NO. 1, 10.4M LEDGE 1A & 2 | 96.27 | 0.47 | 78.3 | 43.8 | 30.7 | 1.06 | 1.12 |
| FALLING SPRINGS 51632-03 | FALLING SPRINGS | LEDGE 1B, 110' | 93.53 | 2.49 | 79.6 | 38.2 | 27.3 | 1.18 | 1.21 |
| STEPHENSON | | | | | | | | | |
| CONMAT, INC. 51772-28 | FREEPORT 1 MI. E. | 50'-100' WEST (15.2M- 30.5M WEST FACE) | 96.92 | 11.81 | 79.9 | 50.7 | 37.7 | 0.94 | 1.04 |
| CONMAT, INC. 51772-27 | ORANGEVILLE 1 MI. S.W. | 0'-50' WEST (0-15.2M WEST FACE) | 99.63 | 12.71 | 91.4 | 59.2 | 40.4 | 0.82 | 0.90 |
| CONMAT, INC. 51772-83 | PEARL CITY 3 MI. W. | 0'-50' N.W. (0-15.2M NW FACE) | 95.48 | 11.80 | 86.9 | 48.4 | 36.8 | 0.95 | 1.04 |
| CONMAT, INC. 51772-01 | ROCK CITY 1 MI. E. | 0-50' SOUTH, (0-15.2M SOUTH FACE) | 95.13 | 12.19 | 82.1 | 49.9 | 38.9 | 0.94 | 1.06 |
| FISCHER EXCAVATING 51772-88 | FREEPORT 0.5 MI. N.W. | 1.5M-11.6M | 98.88 | 11.79 | 88.6 | 57.0 | 39.0 | 0.85 | 0.94 |
| FISCHER EXCAVATING 51772-51 | FREEPORT 3 MI. N.E. | 0-9.1M, N. FACE | 99.81 | 12.50 | 85.4 | 50.7 | 36.6 | 0.90 | 0.99 |
| UNION | | | | | | | | | |
| ANNA QUARRIES 51812-02 | ANNA N.E. EDGE | 96.6-110.6 M BAV, OVER N. PORTION OF LEDGE | 89.32 | 1.12 | 82.7 | 49.2 | 35.8 | 1.04 | 1.13 |
| VULCAN - JONESBORO 51312-03 | JONESBORO 5 MI. S. | VARIOUS | 96.61 | 4.05 | 97.9 | 70.6 | 52.1 | 0.72 | 0.84 |
| VERMILION | | | | | | | | | |
| MATERIAL SERVICE 51832-01 | FAIRMOUNT 2 MI. W. | 4.3 M FACE | 94.53 | 0.26 | 91.4 | 44.9 | 29.0 | 1.05 | 1.06 |
| WARREN | | | | | | | | | |
| MOLINE CONSUMERS CO. 51872-01 | ST. AUGUSTINE | 0-60, SOUTH QUARRY | 87.94 | 2.55 | 95.6 | 66.4 | 49.9 | 0.82 | 0.96 |
| WHITESIDE | | | | | | | | | |
| ALLIANCE MATERIALS 51952-86 | COLETA 6 MI. E. | 0-21.3M | 99.31 | 10.51 | 77.4 | 42.5 | 30.7 | 1.04 | 1.10 |
| F.N. BUTLER, CO. 51952-59 | EMERSON 1 MI. S.E. | 0-23.5M N. FACE | 89.50 | 14.63 | 75.8 | 43.0 | 33.0 | 1.13 | 1.23 |
| WILL | | | | | | | | | |
| BOUGHTON TRUCKING 51972-08 | PLAINFIELD | 9.1M-27.4M STOCKPILE | 87.00 | 10.81 | 54.2 | 19.7 | 14.7 | 2.02 | 1.84 |
| ELMHURST CHICAGO STONE 51972-10 | ROMEOVILLE | 0-50' (0-15.2M) | 91.29 | 12.75 | 74.1 | 40.2 | 30.3 | 1.17 | 1.25 |
| VULCAN MATERIALS 51972-09 | BOLINGBROOK | 6.1M - 36.6M, STOCKPILE | 86.07 | 12.04 | 73.4 | 37.7 | 28.4 | 1.30 | 1.36 |

| COUNTY PRODUCER NAME | CITY ADDRESS | STOCKPILE OR LEDGE LOCATION | CCE | MG | PASS #8 | PASS #30 | PASS #60 | CORRECTION FACTORS | |
|--|--------------------------|--------------------------------|--------|-------|------------|-------------|-------------|-----------------------|--------|
| | | | | | | | | 1 YEAR | 4 YEAR |
| VULCAN MATERIALS 51972-19 | JOLIET | 0-36.6M, GRID Y40 | 94.06 | 11.60 | 76.8 | 38.3 | 26.3 | 1.20 | 1.21 |
| VULCAN MATERIALS 51972-04 | LEMONT | 0-33.5M - STOCKPILE | 91.79 | 12.79 | 80.0 | 37.9 | 27.5 | 1.20 | 1.23 |
| VULCAN MATERIALS 51972-16 | PLAINFIELD | 0-21.3M | 86.07 | 8.33 | 96.0 | 52.7 | 36.8 | 1.00 | 1.08 |
| WINNEBAGO | | | | | | | | | |
| NORTHERN ILLINOIS SERVICE 52012-73 | ROSCOE 1 MI. S.E. | 0-70' | 100.81 | 11.85 | 80.4 | 49.6 | 34.2 | 0.94 | 1.01 |
| ROCKFORD SAND AND GRAVEL 50072-01 | BELVIDERE 3 MI. S.W. | 0-86' | 99.75 | 12.23 | 87.3 | 51.4 | 37.3 | 0.89 | 0.97 |
| ROCKFORD SAND AND GRAVEL 52012-63 | LOVES PARK 5 MI. W. | 0-20' | 98.88 | 11.96 | 100.0 | 92.0 | 61.1 | 0.60 | 0.71 |
| ROCKFORD SAND AND GRAVEL 52012-69 | LOVES PARK 2 MI. N.E. | 0-285' | 96.75 | 11.82 | 90.5 | 51.5 | 38.8 | 0.90 | 0.99 |
| ROGERS R-M & MATERIALS 52012-31 | ROCKFORD 2 MI. S.W. | 0-40' | 98.38 | 12.29 | 78.0 | 50.1 | 35.5 | 0.95 | 1.04 |