

State of Illinois Department of Agriculture

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Illinois Voluntary Limestone Program PRODUCER INFORMATION

AUGUST 2021 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 #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
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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.

$$.141 \times \mathbf{5} = .70$$

$$.507 \times \mathbf{20} = 10.14$$

$$.138 \times \mathbf{50} = 6.90$$

$$.214 \times \mathbf{100} = 21.4$$

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.

$$46.35 \div 36.65 = 1.26$$

Step 7

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

Theoretical CCE is calculated using this formula

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

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Producers by County	IDOT Producer Number	Address Where Stockpile is Located	City of Stockpile	Ledge Footage Location	%Mg	CCE	% Pass #8	% Pass #30	% Pass #60	1 Year Correction Factor	4 Year Correction Factor
Adams											
Central Stone - Loraine	50012-04	2 Miles South	Loraine	Common Stockpile	2.53	70.64	83.30	53.10	39.20	1.24	1.38
Central Stone - Millcreek	50012-06	5 Miles East	Quincy	Common Stockpile	5.06	97.48	67.00	41.10	31.50	1.10	1.20
Boone											
Beverly Materials	50072-16	4151 Irene Rd	Belvidere	Ledge 8 (conglomerate) of Ledge 3 & 4	12.35	101.59	85.90	48.60	34.80	0.91	0.98
William Charles at Irene	50072-01	4545 Irene Rd	Belvidere	Ledge 004 (1.8- 26.5)	12.91	102.20	93.00	58.60	40.60	0.80	0.88
Carroll											
Conmat Inc - Loberg	50152-78	15110 Route 73	Lanark	Ledge 003, 0.0- 16.8m. West Face	11.44	97.13	77.70	46.00	34.70	1.00	1.09
Eagle Creek Quarries - Sword	50152-53	3367 Eagle Rd.	Milledgeville	Ledge 006, +2.7- 11.0m.	11.43	98.45	74.50	53.30	41.00	0.89	1.03
Fischer Excavating Inc - Sturtz	50152-93	15124 Route 73	Lanark	Ledge 005, +1.0- 17.6m, East Face	10.32	86.46	78.10	46.40	34.20	1.12	1.22
Fischer Excavating Inc - Deerer	50152-16	15653 Benton St.,	Mt. Carroll	Ledge 004, +7.7- 15.2	11.98	101.39	77.00	47.30	33.60	0.96	1.04
Savanna Quarry Inc - Lawrence (Ritchie)	50182-92	9859 Scenic Bluff Rd.	Savanna	Ledge 007, 0.0- 31.1m	12.54	102.50	76.00	45.50	32.40	0.98	1.05
Wendling Quarries Inc - Turnbaugh	50152-74	10212 Quarry Rd.	Mt. Carroll	Ledge 004, 18.0- 31.7m	12.55	102.84	63.80	36.50	-810.80	-0.12	1.21
Christian											
Pana Limestone Quarry	50212-04	325 North 1600 East	Pana	Old Plant/ Combined Ledges	0.96	94.74	76.80	31.80	19.20	1.37	1.28
Pana Limestone Quarry	50212-04	325 North 1600 East	Pana	New Plant/Combined Ledges	1.15	93.31	96.50	55.80	38.90	0.89	0.97

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Clark											
Casey Stone	50232-06	7600 north State Highway 49	Casey	Full Face	1.56	32.75	60.10	30.60	21.70	4.16	4.13
Mid-Illinois Quarry	50232-02	9129 North 230th Street	Casey	Full face, West Pit	1.13	88.33	95.70	46.20	28.80	1.10	1.11
Quality Lime Company	50232-05	14915 North Quality Lime Road	Marshall	All Ledges Combined	1.36	93.46	85.30	38.00	22.70	1.22	1.17
Coles											
Charleston Stone Company	50292-02	9709 N. Co. Rd. 2000 E.	Ashmore	Fine Lime-All Ledges combined	0.83	88.79	99.70	74.50	47.20	0.79	0.89
Charleston Stone Company	50292-02	9709 N Co. Rd. 2000 E	Ashmore	Course Lime-All Ledges Combined	0.95	83.50	88.00	49.20	33.40	1.12	1.18
Cook											
Hanson Material Service	50312-02	9101 W. 47th St.	McCook	Level 1- Main Plant	12.25	100.73	75.80	45.30	31.70	1.00	1.07
Hanson Material Service - Thornton	50312-04	322 S Williams St.	Thorton	Various Ledges	12.71	104.79	84.00	44.90	28.40	0.98	0.99
Hanson Material Service - Thornton	50312-04	322 S. Williams St	Thorton	013FH21 (Screening) - Various Ledges	12.70	102.48	71.90	38.40	24.60	1.14	1.14
Vulcan Materials - Chip Plant	50312-78	5500 Joliet Rd	McCook	Level 3 Chip Plant	11.54	94.81	68.40	33.10	21.50	1.36	1.33
Vulcan Materials - Bartlett	50312-90	2000 Vulcan BLVD	Bartlett	Level 1	12.38	103.10	72.40	38.40	24.90	1.13	1.13
Vulcan Materials - McCook Main Plant	50312-78	550 Joliet Rd	McCook	Level 3 Main Plant	11.46	94.26	74.20	34.40	21.80	1.32	1.27
Dekalb											
Vulcan Materials - Sycamore	50372-01	12502 Lloyd Rd	Sycamore	Various Ledges	12.60	104.55	77.90	43.40	28.50	1.01	1.04
Douglas											
Tuscola Stone Co	50412-01	1199 E US 36	Tuscola	Mixed Ledges	10.86	92.94	80.60	47.20	33.20	1.04	1.11

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Greene											
Twin Rivers Stone-Kane	50612-02	74 West Kane Road	Kane	Various	26.47	72.05	67.50	34.30	22.70	1.75	1.73
V.H. Callender - 3 miles southwest of Glasgow (Thomas/Glasgow Quarry)	51712-01	24 Hillview Road	Winchester	0.0,-26.2m Ledge 1	1.76	96.73	83.40	48.80	33.80	0.98	1.04
Grundy											
Lafarge Aux Sable Quarry	50632-01	4225 E. Dellos Rd.	Morris	0-38.1 M	6.92	98.08	88.80	58.20	41.20	0.84	0.93
Hancock											
Central Stone - Carthage	50672-01	5 Miles East	Carthage	Common Stockpile	2.30	91.16	82.00	49.70	31.70	1.06	1.11
Gray Quarries	50672-03	750 E. County Rd. 1220	Hamilton	Common Stockpile	2.35	71.86	85.40	56.80	41.00	1.17	1.31
Gray Quarries	50672-03	750 E. County Rd. 1220	Hamilton	63.4-75.6m Ldg#7	3.73	95.31	98.60	72.30	52.30	0.72	0.84
Gray Quarries	50672-03	750 E. County Rd. 1220	Hamilton	18.3-30.5m Ldg#2	3.31	75.08	96.20	64.20	44.80	1.01	1.14
Gray Quarries	50672-03	750 E. County Rd. 1220	Hamilton	30.5-35.1m Ldg#3	2.37	89.35	98.30	62.70	39.30	0.89	0.96
R.L. O'Neal & Sons Inc.	50672-04	RR 2 Box 130A	Plymouth	13.7-38-1M Ledge 2	1.97	90.29	78.10	41.00	24.40	1.25	1.23
R.L. O'Neal & Sons Inc.	50672-04	RR 2 Box 130A	Plymouth	0.0-12.2M Ledge 1	1.49	82.23	69.50	38.20	24.10	1.45	1.44
R.L. O'Neal & Sons Inc.	50672-04	RR 2 Box 130A	Plymouth	Common Stockpile	1.38	81.01	83.20	52.90	32.10	1.16	1.21
Hardin											
Hastie Mining	50692-04	RR 1 Box 55	Cave-In-Rock	Various	36.20	86.27	77.30	35.70	20.20	1.44	1.35
Lafarge Holcim Rosiclaire	50692-09	RR 1 Box 128	Golconda	Various	35.06	95.20	70.90	33.60	20.80	1.35	1.30
Henry											
RiverStone Group Inc - Cleveland Quarry	50732-12	1069 North Broadway Street	Colona	Various Ledges	2.94	95.44	93.60	51.10	33.80	0.95	0.99
Iroquois											
Prairie Materials - East of Truck Scale and Scale House	50752-01	2744 N 200 E Road	Ashkum	A/B Ledges Combined Pile	3.02	91.36	84.40	38.30	24.80	1.22	1.20

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Jackson											
Kinkaid Stone Co	50772-02	4287 Kinkaid Stone Road	Ava	Various Coarse Lime	8.95	87.75	75.20	39.80	23.60	1.32	1.29
Kinkaid Stone Co	50772-02	4287 Kinkaid Stone Road	Ava	Various Fine Lime	1.50	86.53	92.50	46.40	27.10	1.16	1.14
Jersey											
Calhoun Quarry East	50832-32	25840 Eldred Road	Fieldon	Various	1.96	94.44	95.20	56.30	37.10	0.90	0.96
JoDavies											
Conmat Inc -Youngbluth	50852-67	10216 Chelsea Rd.	Stockton	Ledge 001, 0.0-15.2m East Face	12.52	100.76	76.30	45.90	32.90	0.99	1.06
Conmat Inc - Eustice	50852-61	1307 W Longhollow Rd	Elizabeth	Ledge 008, 21.3-33.5m., (bottom ledge)	23.04	103.00	100.00	99.90	98.60	0.45	0.66
Conmat Inc - Virtue	50852-06	1450 N Ferry Landing Rd	Galena	Ledge 002, 18.3-30.5m. West Face	32.33	91.44	79.40	47.20	33.60	1.06	1.14
Fischer Excavating Inc - Millerschone	50852-20	7081 East Center Rd.	Stockton	Ledge 002, 0.0-18.3m	10.54	97.84	77.30	47.40	34.60	0.98	1.07
Louie's Aggregate Co - Hahn, Galena	50852-90	4297 Guilford Rd.	Galena	Ledge 002, 0.0-13.7m.	21.58	97.43	79.60	48.00	33.20	0.99	1.06
Johnson											
Southern Illinois Stone Co	50872-03	4800 State Route 37 N	Goreville	1.5-13.1	1.90	86.38	82.70	45.10	25.70	1.23	1.21
Kane											
Lafarge Conco	50892-01	105 Conco St.	North Aurora	Level 2 Bench Course	7.13	99.21	77.20	49.60	36.40	0.94	1.04
Lafarge Conco	50892-01	105 Conco St.	North Aurora	Level 2-Bench	5.57	96.19	99.60	72.70	50.70	0.72	0.83
Lafarge Fox River	50892-02	1300 S. Route Business 31	South Elgin	Level 1-Bench & Breast	12.71	101.46	67.70	39.70	26.90	1.13	1.16

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Kankakee											
Prairie Materials - Northeast side of main plant	50912-06	8215 Rte 45/52/ N	Manteno	All Ledges (A, New B, & C Ledges)	11.86	98.21	76.00	37.00	23.90	1.20	1.18
Vulcan Lehigh - Across the street from Scale house by large pile	50912-02	1277 S. 7000 Road	Kankakee	Ledge 1 Course Pile 0.0-39m	8.98	93.48	73.90	40.80	28.90	1.16	1.21
Vulcan Lehigh - East of scale house, east of tracks near barn	50912-02	1277 S. 7000 Road	Kankakee	Ledge 1 Fine Pile 0.0-39m	5.47	90.90	76.60	40.10	26.40	1.22	1.24
Kendall											
Central Limestone	50932-01	16805 Quarry Road	Morris	0-130' (0-39.6M) Various Locations	12.73	102.41	63.80	30.00	22.50	1.30	1.30
Lafarge Kendall Quarry	50932-03	10501 Joliet Road	Newark	Various	12.27	98.44	83.80	45.90	31.40	1.00	1.05
LaSalle											
Lafarge - Utica	50992-02	Illinois Rt. 178 and N. 27th Rd	Utica	Various Ledges	3.50	68.59	70.30	42.40	29.50	1.57	1.66
Riverstone Group, Inc. - Vermillion Quarry	50992-04	2273 N IL RT 178		Various ledges	6.02	97.71	64.90	33.80	23.60	1.29	1.30
RiverStone Group Inc - Troy Grove	50992-01	539 Rt. 52	Utica	Various Ledges	11.52	93.28	87.00	52.20	37.60	0.95	1.04
Western Aggregates	50992-05	764 East US Route 52	Utica	Various	4.99	92.11	86.90	56.20	41.40	0.91	1.02
Lee											
Civil Materials - Palmyra	51032-73	217 Palmyra Rd	Dixon	Various	12.82	102.88	85.80	65.50	56.20	0.69	0.85
Civil Materials - Palmyra	51032-73	217 Palmyra Rd	Dixon	006 UFR	12.50	103.39	100.00	100.00	98.80	0.45	0.65
Renner Quarries - (Robbins) AmBoy	51032-04	902 Robbins Road	Amboy	004	12.24	100.48	65.00	30.50	20.00	1.36	1.31
Renner Quarries - Dixon	51032-76	870 Renner Rd	Dixon	ledge 008	12.81	104.70	88.80	50.60	32.70	0.89	0.93

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Livingston											
Valley View McDowell Quarry	51052-19	18380 E. 11000 North Rd.	Fairbury	4.0 M Face MILLED LIME	1.02	92.48	99.70	71.90	46.20	0.78	0.86
Valley View McDowell Quarry	51052-19	18380 E. 11000 North Rd.	Fairbury	4.0 M Face BLENDED LIME	1.14	93.48	94.80	55.00	35.20	0.93	0.98
VCNA Prairie Materials - Yard 88	51052-09	15887 E. 1200N. Rd.	Pontiac	6.7 M Face	1.31	83.34	95.10	46.10	28.50	1.17	1.18
Madison											
Bluff City Minerals - Alton	51192-02	4007 College Avenue	Alton	Ledge 1 & 2	2.72	88.33	66.30	34.80	23.50	1.41	1.41
Bluff City-Alton-Hi-Cal Pelleted Lime	51192-04	4007 College Avenue	Alton	Ledge 1 & 2	2.53	90.35	99.90	98.60	90.90	0.54	0.75
Twin Rivers Stone- Godfrey	51192-01	9434 Godfrey Road	Godfrey	Various	5.09	88.94	78.30	47.60	31.30	1.12	1.17
McDonough											
Central Stone-Tennessee CS #53	51092-03	5533 E. 400 Street	Colchester	L1 &L2	2.24	84.85	91.20	57.20	37.80	1.00	1.08
Menard											
Material Service Yard 17	51292-02	25142 Quarry Ave	Athens	Combined Ledges	2.28	87.60	89.90	51.70	33.20	1.05	1.09
Montgomery											
Hanson Material Service Yard 58	51352-04	22283 Taylorville Road	Nokomis	Combined Ledges	1.05	93.18	100.00	99.70	92.10	0.52	0.73
Material Service Yard 12 @ Nokomis	51352-01	22283 Taylorville Road	Nokomis	Combined Ledges	1.21	94.96	90.50	41.60	23.90	1.13	1.09
Nokomis Quarry	51352-03	23311 Taylorville Road	Nokomis	Combined Ledges/Course Ag Lime	1.14	91.95	80.50	39.60	23.30	1.24	1.20
Nokomis Quarry	51352-03	23311 Taylorville Road	Nokomis	Combined Ledges/ Fine Grind Ag Lime	1.18	90.30	96.20	39.90	22.50	1.20	1.14
Monroe											
Columbia Quarry #7	51332-04	5440 Quarry Rd.	Waterloo	24.4m ledge 1-3	1.17	95.85	90.20	46.20	27.20	1.05	1.04

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Ogle											
Eagle Creek Quarries - Galena Trail (Polo)	51412-18	2010 S. Galena Trail	Polo	Ledge 003	12.19	101.00	80.70	67.90	48.50	0.74	0.87
Macklin Inc - Rochelle	51412-68	6089 S Dement Rd	Rochelle	007	11.61	99.04	59.80	30.20	21.60	1.38	1.38
Martin & Company - Lime Kiln	51412-47	1720 N Lineklin	Oregon	003	22.30	98.85	68.20	35.40	25.00	1.22	1.24
Rogers Ready Mix - Byron	51412-32	8503 N. Barker Rd	Byron	006	22.25	96.01	81.50	35.60	22.90	1.23	1.19
Steve Benesh and Sons	51412-72	3923 N River Rd.	Oregon	Ledge 004	10.47	87.65	86.70	62.00	53.90	0.83	1.03
Wagner Aggregates Fairdale	51412-92	20855 E IL RT 72	Fairdale	Various	12.75	103.80	93.80	59.40	35.40	0.82	0.86
Pike											
Central Stone - Kinderhook	51492-05	1 Mile East	Kinderhook	Common Stockpile	1.28	91.70	98.30	65.50	43.30	0.83	0.91
Central Stone	51492-04	26176 487th Street	Pittsfield	Ledge 2	1.70	78.06	80.10	50.30	34.80	1.20	1.30
Central Stone - Fessler	51492-41	2 Miles West	Barry	Common Stockpile	1.11	90.94	97.80	70.80	48.90	0.78	0.89
V.H. Callender - Valley City Quarry	51492-02	310810 Quarry Road	Grigsville	Ledge 3	2.42	94.44	82.90	51.40	35.10	0.97	1.05
V.H. Callender - New Hartford Quarry	51492-01	31099 Dutch Creek Road	Rockport	Ledge 1	1.68	94.24	84.90	53.60	36.80	0.94	1.02
V.H. Callender - Perry/Junction Quarry	51492-42	37742 412 Street	Chambersburg	Ledge 1-4	1.51	82.88	91.10	57.50	37.90	1.02	1.10
Raldolph											
Mississippi Lime - Prairie Du Rocher	51572-04	7899 Bluff Rd	Prairie Du Rocher	8.5m ledge 1	5.76	96.11	89.70	47.90	29.20	1.02	1.03
Rock Island											
Mill Creek Mining	51612-16	5600 Knoxville Road	Milan	Various Ledges	7.75	83.88	64.80	36.10	25.10	1.45	1.48
RiverStone Group Inc - Allied Stone	51612-31	601 US Rt. 67 North	Milan	Various Ledges (Dolomite)	11.75	101.96	80.70	29.90	13.40	1.39	1.19
RiverStone Group Inc - Allied Stone	51612-31	601 US Rt. 67 North	Milan	Various Ledges (Limestone)	3.96	80.99	72.60	42.10	29.20	1.33	1.39
RiverStone Group Inc - Midway Quarry	51612-23	2721 248th Street North	Hillsdale	Various Ledges	5.70	98.80	86.70	45.30	24.30	1.07	1.04
Shelby											
Brush Creek Quarry	51732-01	2371 County Highway 6	Mode	Various	1.30	86.23	77.50	32.80	19.50	1.48	1.39

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St. Clair											
Columbia Quarry #9	51632-09	100 Industrial Dr	Dupo	9.9m ledge 1-5	5.74	94.55	88.10	45.90	28.60	1.06	1.07
Falling Springs Quarry	51632-03	2901 Stolle Rd.	Dupo	1B	3.15	92.14	77.60	40.00	26.50	1.20	1.22
Stephenson											
Conmat Inc - Rock City	51772-01	8585 Rt. 75	East Rock City	Ledge 001. 0.0-13.8m	12.16	97.83	78.00	46.40	34.60	0.99	1.08
Conmat Inc - Ottenheiser (Goldmine)	51772-83	14180 Goldmine Rd.	Pearl City	Ledge 001, 0.0-15.2m	12.12	100.34	90.90	54.70	38.30	0.85	0.93
Conmat Inc - Dwyer	51772-28	17085 S. Hollywood Rd.	Freeport	(Uttratine) Ledge 007, 30.5-44.2m	11.39	92.84	99.90	99.60	97.30	0.51	0.73
Conmat Inc - Dwyer	51772-28	17085 S. Hollywood Rd.	Freeport	Ledge 009, 4.6-30.5m	12.45	103.81	69.10	39.00	24.40	1.14	1.14
Doc's Excavating Inc - Tessendorf	51772-04	6285 IL Rt. 73 North	Lena	Ledge 007, +3.0-+15.2 West Face	12.31	102.31	80.20	49.60	36.00	0.91	0.99
Doc's Excavating Inc - Tessendorf	51772-04	6285 IL. RT. 73 North	Lena	Ledge 004, 21.9-28.7m	11.94	99.78	72.20	41.70	28.40	1.09	1.14
Fischer Excavating Inc - Ivey	51772-68	7994 IL. RT. 73 North	Lena	Ledge 001, 0.0-15.2m	12.19	99.21	80.10	50.20	36.10	0.93	1.02
Fischer Excavating Inc - Winnesheik	51772-51	1570 East Winnesheik Rd.	Freeport	Ledge 002, 9.1-18.3m	12.18	101.39	80.40	47.80	33.50	0.95	1.02
Union											
Anna Quarry Inc	51812-02	PO Box 180	Anna	0.0-17.8 m Ledge 002010	1.37	90.53	74.10	39.50	22.10	1.31	1.26
Shawnee Stone @ Jonesboro	51812-03	1275 Jonesboro Quarry Road	Jonesboro	Multiple	1.33	96.54	97.00	79.90	56.50	0.67	0.79
Vermilion											
Hanson - Fairmount Quarry- 2miles west of Fairmount	51832-01	3706 Catlin-Homer Road	Fairmount	Southcut-20 Foot Ledge	0.85	93.74	99.00	61.20	39.50	0.85	0.92
Warren											
Mill Creek Mining	51872-02	2351 6th Street	Monmouth	Keokuk/Burlingt on Ledges	4.46	89.64	87.70	60.30	45.40	0.88	1.01
RiverStone Group Inc - Valley Quarry	51872-01	772 175th Street	Augustine	60-70' Ledge	2.63	84.00	90.20	63.70	47.10	0.90	1.04

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Whiteside											
Alliance Materials - Siers	51952-86	28601 Pilgram Rd	Sterling	006	12.28	100.09	64.60	39.40	28.50	1.14	1.20
Wendling Quarries Inc - Garden Plain Quarry	51952-64	Garden Plain Road	Garden Plain	Full Face Various Ledges	11.75	103.01	79.40	49.20	37.80	0.89	0.99
Will											
Hanson Joliet - Quarry	51972-20	1955 Patterson Rd	Joliet	All Ledges	11.55	99.19	79.40	50.50	34.90	0.94	1.02
Lafarge Holcim - Rockdale	51972-15	2509 Mound Road	Rockdale	All Ledges	11.92	103.39	91.30	59.60	41.00	0.79	0.87
Vulcan Materials - Bolingbrook	51972-10	351 Royce Rd	Bolingbrook	All Ledges (013FA05)	11.59	95.59	80.00	45.80	30.00	1.06	1.10
Vulcan Materials	51972-19	595 W Laraway Rd	Laraway	All Ledges	10.74	91.43	83.70	44.10	27.20	1.14	1.15
Winnebago											
Northern Illinois Service @ Bedrock	52012-73	6799 Swanson Rd	Roscoe	013	12.61	100.66	81.00	51.00	34.60	0.93	1.00
Northern Illinois Service @ Blacks	52012-80	11200 N Main Rd	Rockton	002	13.15	104.01	82.70	53.90	35.90	0.86	0.93
N-Trak - Rockton	52012-02	11184 N Main	Rockton	005 Full Face (GRAY)	12.47	99.41	77.30	43.80	30.70	1.03	1.09
N-Trak - Rockton	52012-02	11184 N Main	Rockton	001 top ledge (Yellow)	22.84	102.85	85.20	59.10	37.80	0.83	0.90
Roger R-M + Materials-Rogers @ Mulford	52012-31	5510 S Mulford Rd	Rockford	Ledge 002 (12.2- 26.5m)	12.56	103.71	57.80	39.10	25.00	1.18	1.21

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Indiana											
Bloomington Crushed Stone	52102-07	1100 North Road	Bloomington	Various	0.87	97.58	99.90	99.50	47.30	0.65	0.69
CalCar Quarries, Inc	52102-10	860 East US Hwy 150	Paoli	Ledges 1-16	2.07	95.40	84.20	48.40	28.40	1.05	1.06
Cave Quarries Inc	77000-97	1156 North 425 W	Paoli	Ledges 4-10	1.57	93.86	94.60	49.80	29.50	1.01	1.02
Hanson - The Andersons	52102-67	101 Agrico Lane	Seymour	Various	1.75	95.99	99.70	97.90	85.10	0.53	0.71
Lincoln Park Stone - Putnamville Quarry	52102-30	995 W. US40	Putnamville	Ledges 1-6	1.15	87.38	80.60	47.00	30.80	1.14	1.19
Martin Marietta Aggregates - Cloverdale Quarry- 2 miles north of Cloverdale	52102-33	2010 East County Road 800	South Cloverdale	58' Face West Pit, South Face, Ledges 101-402	2.87	90.59	86.10	47.10	32.00	1.06	1.12
Mulzer Crushed Stone - Evansville Materials	52100-49	900 NW Riverside Drive	Evansville	Various	11.13	95.96	86.60	50.10	35.60	0.95	1.03
Mulzer Crushed Stone-Cape Sandy	52102-18	19925 Alton Fredonia Road	Leavenworth	Various	3.69	95.53	98.70	57.40	35.60	0.88	0.93
Mulzer Crushed Stone- Tower Quarry	52102-14	7172 South Tower Road	Leavenworth	Various	4.33	95.74	96.10	56.00	35.50	0.90	0.94
Mulzer Crushed Stone- Temple Quarry	52102-11	2785 East Temple Road	English	Various	4.50	93.70	94.30	54.70	33.30	0.95	0.98
Newton County Stone Company - South of Main Gate (Rogers Group, Inc)	52102-01	235 E. US 24	Kentland	Fine Blend Pit 8 Ledges 1-2 & Pit 7 Ledges 4-5-6	22.86	97.00	95.60	63.10	40.40	0.82	0.89
US Aggregates - The Andersons Inc.	52102-37	101 Agrico Lane	Seymour	Ledges 1 and 2	12.24	106.45	99.90	98.90	96.50	0.44	0.64
Whitesville Mill Service	52103-22	4537 S Nucor Rd Box 314	Crawfordsville	Produced from Steel Slag	1.84	74.71	94.90	63.90	35.00	1.11	1.15
Iowa											
RiverStone Group Inc - LeClaire Quarry	52202-10	400 Territorial Road	LeClaire	Various Ledges HI-G	2.85	105.23	98.90	98.30	95.10	0.45	0.65
RiverStone Group Inc - LeClaire Quarry	52202-10	400 Territorial Road	LeClaire	Various Ledges	8.72	105.94	64.40	37.70	25.60	1.13	1.16
RiverStone Group Inc - McCausland Quarry	52202-16	18965 300th Street	Long Grove	Various Ledges	7.31	102.90	67.30	40.60	30.50	1.06	1.14
RiverStone Group Inc - New Liberty Quarry	52202-21	2700 New Liberty Road	Stocktom	Various Ledges	11.65	97.71	70.50	41.10	32.00	1.08	1.18
Wending Quarries Shaffton	52202-06	2911 Hwy 67	Camacnche	Various Ledges	12.48	104.64	69.80	38.50	26.40	1.10	1.13

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Missouri											
Bussen Quarry-Koch	52302-07	5000 Bussen Rd.	St. Louis	Ledges 5-21, 150'	2.70	86.24	92.50	48.30	29.00	1.12	1.13
Bussen Quarries Inc - Antire Quarry	52302-65	6800 Bussen Antire Rd.	Eureka	Ledges 11-27, 200'	1.28	97.56	100.00	99.90	99.00	0.48	0.69
Bussen Quarries Inc - Antire Quarry	52302-65	6800 Bussen Antire Rd.	Eureka	Ledges 11-27, 200'	5.20	96.14	94.70	63.50	51.00	0.76	0.90
Central Stone - Taylor	52302-46	NA	South Taylor	Common Stockpile	1.67	86.48	98.80	72.50	48.20	0.82	0.92
Central Stone - Argo/AgLime CS #31	52302-53	14200 Lewis and Clark Blvd.	Florissant	Ledges 3-9	3.16	86.30	100.00	100.00	98.60	0.54	0.78
Central Stone - Huntington	52302-04	NA	Huntington	Common Stockpile	0.76	91.21	99.00	71.20	41.40	0.82	0.88
Heartland Materials	77000-99	1965 County Road 601	Jackson	Multiple	1.98	98.01	99.60	74.20	47.50	0.72	0.80
Lafarge Holcim, Hwy 51	52302-41	521 Quarry Lane	Perryville	19.5 M ledge 2+3	1.35	96.61	78.20	40.90	29.10	1.10	1.15
Mississippi Lime	52302-08	16147 US Highway 61	Genevieve	30.0 M Underground	14.02	98.20	100.00	99.80	98.90	0.47	0.69
Mississippi Lime	52302-08	16147 US Highway 61	Genevieve	30.0 M Underground	1.28	125.00	100.00	100.00	99.90	0.37	0.54
Mississippi Lime	52302-08	16147 US Highway 61	Genevieve	30.0M underground	3.33	100.15	100.00	80.40	28.10	0.80	0.76
Mississippi Lime	52302-08	16147 US Highway 61	Genevieve	30 M Underground	4.37	109.85	99.90	95.90	68.30	0.51	0.63
Mississippi Lime	52302-08	16147 US Highway 61	Genevieve	30 M Underground	1.60	125.00	100.00	99.80	98.00	0.37	0.54
Mississippi Lime	52302-08	16147 US Highway 61	Genevieve	30 M Underground	1.44	100.36	100.00	100.00	98.90	0.46	0.67
Simpson Materials /Simpson Barnhart Quarry	52302-51	850 Sulpher Springs Rd	Imperial	Ledge 1-5 84'	0.74	95.10	99.00	74.10	45.00	0.75	0.83
Tower Rock Stone	52302-39	19829 Lower French Rd.	Genevieve	Various ledges	0.97	95.84	98.00	74.90	47.00	0.74	0.82