State of Illinois

Department of Agriculture
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Illinois Voluntary Limestone Program PRODUCER INFORMATION

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Illinois Department of Agriculture
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Illinois Department of Agriculture

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. $\frac{46.35}{36.65} = 1.26$

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

LIMESTONE PROGRAM PRODUCER INFORMATION - 2010

IL COUNTY PRODUCER NAME	CITY ADDRESS	STOCKPILE OR LEDGE LOCATION	% CCE	% MG	% PASS #8	% PASS #30	% PASS #60	CORRECTION FACTORS 1 YEAR	 4 YEAR
ADAMS									
CENTRAL STONE 50012-04	LORAINE 2 MI. S.	COMMON STOCKPILE	79.14	3.36	85.3	52.1	39.0	1.11	1.23
CENTRAL STONE 50012-33	MARBLEHEAD N.E. EDGE	COMMON STOCKPILE	94.82	1.71	94.6	57.8	40.9	0.86	0.95
CENTRAL STONE 50012-06	QUINCY 5 MI. E.	COMMON STOCKPILE	87.54	1.09	89.0	50.1	33.2	1.06	1.11
BOONE									
QUALITY AGG. OF IL, LLC 50072-04	IRENE 1.5 MI. N.W.	0.0 M - 29.0 M, SOUTHEAST FACE OF QUARRY	103.05	12.63	66.0	37.1	27.8	1.13	1.19
WM. CHAS. CONSTRUCTION 50072-01	BELVIDERE 3 MI. S.W.	1.8 M - 26.5 M	101.74	12.47	90.8	58.1	43.9	0.79	0.89
CARROLL									
EAGLE CREEK QUARRY 50152-53	MILLEDGEVILLE 1.5 MI. N.E.	-2.7 M - 11 M	101.74	12.38	71.3	48.3	35.6	0.95	1.05
SAVANNA QUARRIES, INC. 50152-92	WACKER 2 MI. N.W.	0 - 31.1 M, N. FACE, E. END	102.08	12.70	78.8	44.6	33.2	0.97	1.05
WENDLING QUARRIES, INC. 50152-74	MT. CARROLL 2 MI. W.	0 - 18.0 M	100.16	12.39	72.7	40.0	29.5	1.08	1.15
CHRISTIAN									
PANA LIMESTONE 50212-04	PANA 7 MI. W.	COMBINED LEDGES	93.05	0.43	88.7	41.9	27.8	1.11	1.12
CLARK									
CASEY STONE CO. 50232-06	CASEY 2.5 MI. S.	FULL FACE	123.50	0.40	75.6	25.1	14.8	1.20	1.06
MID ILLINOIS QUARRY 50232-02	CASEY 2 MI. S.E.	FULL FACE	91.07	0.62	76.4	30.3	19.2	1.45	1.36
QUALITY LIME 50232-05	MARSHALL 1.5 MI. S.E.	ALL LEDGES COMBINED	92.43	1.38	99.6	50.8	32.0	0.98	1.00
COLES									
CHARLESTON STONE 50292-02	CHARLESTON 2.5 MI. N.E.	FINE LIME, WEST PIT	80.60	1.80	100.0	87.8	60.3	0.75	0.90
CHARLESTON STONE 50292-02	CHARLESTON 2.5 MI. N.E.	REGULAR PRODUCTION, WEST PIT	85.31	0.44	87.6	48.6	34.8	1.08	1.16

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COOK									
LEHIGH - HANSON 50312-02	MCCOOK	VARIOUS	94.40	11.32	74.5	35.6	25.2	1.24	1.26
MATERIAL SERVICE 50312-04	THORNTON	INDIANA AGG LIME, COMBINED LEVELS 0 - 347 '	104.28	12.57	89.9	48.9	34.4	0.88	0.94
MATERIAL SERVICE 50312-04	THORNTON	COMBINED LEVELS 0 - 347 '	102.22	12.42	77.5	39.1	28.1	1.07	1.11
MATERIAL SERVICE 50312-04	THORNTON	COMB. LEVELS 0 - 347 ', BLENDED WITH FLUE DUST	100.55	12.26	74.2	40.1	30.5	1.06	1.13
VULCAN MATERIALS 50312-90	BARTLETT	LEVEL 1	102.62	12.05	73.6	40.5	29.6	1.05	1.11
VULCAN MATERIALS 50312-78	MCCOOK	VARIOUS	98.99	11.75	73.3	31.7	22.5	1.27	1.25
DEKALB									
VULCAN MATERIALS 50372-02	DEKALB 4 MI. E.	VARIOUS LEDGES	101.21	12.47	96.9	58.7	41.1	0.79	0.87
VULCAN MATERIALS 50372-01	SYCAMORE 5 MI. N.	VARIOUS LEDGES, FINE.	95.97	11.20	97.4	93.6	92.7	0.51	0.73
VULCAN MATERIALS 50372-01	SYCAMORE 5 MI. N.	VARIOUS LEDGES, COARSE	104.82	12.81	81.5	47.1	34.5	0.91	0.99
DOUGLAS									
TUSCOLA STONE 50412-01	TUSCOLA 1.5 MI. S.E.	MIXED LEVELS	93.15	10.57	93.6	54.0	37.0	0.93	1.00
DUPAGE									
ELMHURST CHICAGO STONE 51972-10	BOLINGBROOK	VARIOUS	95.55	11.28	42.9	21.1	16.1	1.88	1.79
VULCAN MATERIALS 51972-04	ROMEOVILLE 1 MI. N.E.	VARIOUS	102.12	9.87	78.4	45.3	31.4	0.99	1.04
GREENE									
KIMATERIALS @ KANE 50612-02	KANE 3 MI. W.	VARIOUS LEDGES	91.15	2.81	76.5	44.6	32.2	1.11	1.19
V.H. CALLENDER 51712-01	GLASGOW 3 MI. S.W.	LEDGE 1	89.48	1.06	91.8	65.0	48.3	0.83	0.96
GRUNDY									
LAFARGE AUX SABLE 50632-01	MORRIS 2.5 MI. E.	0 - 75 ' LEDGE, FINE LIME.	97.58	2.95	99.8	71.5	51.9	0.71	0.82

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LAFARGE AUX SABLE 50632-01	MORRIS 2.5 MI. E.	0 - 75 ' LEDGE, COARSE LIME.	95.25	3.43	72.1	40.5	31.3	1.12	1.20
HANCOCK									
CENTRAL STONE 50672-01	CARTHAGE 4.5 MI. E.	COMMON STOCKPILE	83.88	1.92	94.6	58.0	42.1	0.96	1.07
GRAY QUARRIES 50672-03	HAMILTON W. EDGE	48.8 - 54.9 M., LDG # 5	93.78	1.46	97.4	71.2	54.1	0.73	0.86
GRAY QUARRIES 50672-03	HAMILTON W. EDGE	COMMON STOCKPILE	66.66	3.26	84.3	50.5	37.7	1.35	1.49
R.L. O'NEAL 50672-04	PLYMOUTH 3 MI. N.W.	COMMON STOCKPILE	85.33	2.38	84.7	50.7	38.2	1.04	1.16
HARDIN									
HASTIE MINING 50692-04	CAVE-IN-ROCK 3 MI. N.W.	0 - 7.6 M. LEVIAS	92.34	1.03	86.6	46.1	28.8	1.09	1.10
MARTIN MARIETTA #3 50692-09	ROSICLARE 6 MI. N.E.	VARIOUS	95.11	0.61	74.7	33.9	20.7	1.33	1.27
HENDERSON									
CESSFORD CONSTRUCTION 50712-03	BIGGSVILLE	KEOKUK & CEDAR FORK 42 ' FACE, AGLIME 002FA00	92.08	2.64	83.5	52.4	38.6	0.96	1.06
CESSFORD CONSTRUCTION 50712-02	DALLAS CITY	KEOKUK & BURLINGTON 120 ' FACE, AGLIME 002FA00	72.39	2.69	76.9	45.1	33.4	1.37	1.48
HENRY									
RIVERSTONE 50732-12	CLEVELAND S.E.	LEDGE 2	96.47	11.70	86.1	37.3	23.7	1.17	1.14
IROQUOIS									
PRAIRIE MATERIALS 50752-01	ASHKUM 8 MI. W.	A LEDGE	90.80	2.99	81.6	41.7	31.1	1.13	1.19
JACKSON									
KINKAID STONE CO. 50772-02	AVA 5 MI. S.W.	VARIOUS	83.59	1.55	71.7	32.0	22.1	1.52	1.49
JERSEY									
CALHOUN QUARRY INC. 50832-03	HARDIN 4 MI. E.	VARIOUS LEDGES	96.85	1.33	94.0	53.3	35.1	0.91	0.96

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JO DAVIESS									
CONMAT, INC. 50852-61	ELIZABETH 1 MI. W.	0 - 21.3 M	103.29	12.42	88.4	57.7	44.7	0.77	0.89
CONMAT, INC. 50852-06	GALENA 1 MI. S.	18.3 M - 30.5 M	95.69	6.16	89.8	56.7	43.7	0.84	0.96
CONMAT, INC. 50852-18	SCALES MOUND 1.5 MI. S.	0 - 12.2 M, N. FACE	96.60	11.95	87.0	49.6	38.2	0.92	1.02
CONMAT, INC. 50852-67	STOCKTON 4 MI. N.	0 - 15.2 M	102.95	12.57	91.0	57.9	44.3	0.77	0.88
LOUIE'S AGGREGATE CO. 50852-90	GUILFORD 0.5 MI. W.	0 - 13.7 M. LEDGE	98.92	11.84	86.7	49.8	36.4	0.92	1.00
JOHNSON									
SHAWNEE STONE 50872-02	CYPRESS 3 MI. S.	VARIOUS	91.38	2.03	96.4	55.6	36.7	0.93	0.99
SOUTHERN ILLINOIS STONE 50872-03	GOREVILLE 4 MI. S.	VARIOUS	85.31	1.43	72.7	33.5	22.9	1.45	1.43
KANE									
LAFARGE 50892-01	NORTH AURORA	78.0 - 85.0 M	100.28	5.71	98.0	82.9	63.5	0.61	0.75
LAFARGE 50892-02	S. ELGIN 2 MI. S.W.	LEVEL 1	102.35	10.30	65.9	31.4	21.7	1.29	1.27
KANKAKEE									
PRAIRIE MATERIALS 50912-06	MANTENO 2 MI. W.	LEDGE A	100.46	11.86	74.5	28.2	18.4	1.36	1.27
VULCAN MATERIALS 50912-02	KANKAKEE 10 MI. W.	LEDGE 1	96.73	11.23	80.2	39.3	28.7	1.11	1.15
VULCAN MATERIALS 50912-04	MANTENO 2.5 MI. S.	DE LEDGE	105.57	12.42	79.7	42.0	29.0	1.00	1.03
KENDALL									
VULCAN MATERIALS 50932-02	LISBON 2.5 MI. E.	VARIOUS LEDGES & LOCATIONS, FINE GRIND.	99.50	11.91	92.5	48.6	34.7	0.92	0.98
VULCAN MATERIALS 50932-02	LISBON 2.5 MI. E.	VARIOUS LEDGES & LOCATIONS, COARSE GRIND.	98.75	11.52	79.8	41.9	31.9	1.03	1.10
LASALLE									
LAFARGE 50992-02	UTICA 0.5 MI. S.	VARIOUS LEDGES & LOCATIONS. FINE.	78.54	9.45	99.3	66.1	49.8	0.91	1.06

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LAFARGE 50992-02	UTICA 0.5 MI. S.	VARIOUS LEDGES & LOCATIONS. COARSE.	75.13	9.28	75.0	38.9	26.4	1.50	1.53
RIVERSTONE GROUP INC. 50992-04	OGLESBY	VARIOUS LEDGES	80.20	2.62	79.1	52.9	42.2	1.07	1.24
RIVERSTONE GROUP INC. 50992-01	TROY GROVE 1/4 MI. E.	VARIOUS LEDGES, EXTRA-FINE LIME (HI-G)	97.41	11.37	89.1	68.0	62.7	0.68	0.88
RIVERSTONE GROUP INC. 50992-01	TROY GROVE 1/4 MI. E.	VARIOUS LEDGES, FINE LIME	98.73	11.43	92.1	49.3	37.3	0.90	0.98
LEE									
NORTHWEST ILL CONSTRUCTION LLC 51032-73	DIXON 6 MI. W.	+4.6 - 19.8 M, FACE	100.33	12.28	68.9	37.7	28.1	1.14	1.19
RENNER QUARRIES 51032-04	AMBOY 1.5 MI. S.W.	0.0 - 19.8 M., WEST FACE	103.56	12.29	71.5	40.4	27.3	1.08	1.11
RENNER QUARRIES 51032-76	ELDENA 2.5 MI. W.	12.2 - 23.2 M. FACE	104.72	12.78	75.6	44.4	29.4	1.00	1.04
LIVINGSTON									
PRAIRIE MATERIALS 51052-09	OCOYA	6.7 M. FACE	88.38	1.16	95.3	52.9	36.9	0.98	1.05
VALLEY VIEW INDUSTRIES 51052-19	MCDOWELL	4 M. FACE - MILLED LIME	90.74	0.90	97.1	61.1	43.8	0.85	0.96
VALLEY VIEW INDUSTRIES 51052-19	MCDOWELL	4 M. FACE - BLENDED LIME	91.87	1.08	95.4	55.0	38.6	0.92	0.99
LOGAN									
HANSON MATERIAL SERVICE YARD 10 51072-05	LINCOLN 4 MI. W.S.W.	COMBINED LEDGES	91.79	0.63	77.3	36.9	25.9	1.24	1.26
MADISON									
ALBY QUARRY 51192-03	ALTON	12 ' LEDGE 8	96.15	2.61	72.9	46.9	36.8	1.00	1.12
BLUFF CITY MINERALS 51192-02	ALTON S.E. EDGE	LEVEL 1 - 2, 75.1 ' (22.9 M)	88.25	1.42	74.8	39.0	27.8	1.26	1.30
HIGH CAL PELLET LIME 51192-04	ALTON S.E. EDGE	LEVEL 1 - 2, 75.1 ' (22.9 M)	89.67	1.77	100.0	100.0	100.0	0.52	0.75
KIMATERIALS - LOHR 51192-01	GODFREY 3.5 MI. N.W.	VARIOUS LEDGES	85.75	3.67	85.6	47.3	32.0	1.13	1.18

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MCDONOUGH									
CENTRAL STONE CO. 51092-03	TENNESSEE	L1, AGLIME 002FA00	84.54	3.45	87.5	54.0	39.4	1.01	1.13
MENARD									
HANSON MATERIAL SERVICE YARD 17 51292-02	ATHENS 4 MI. N.	COMBINED LEDGES	88.35	0.62	88.9	45.3	31.4	1.10	1.15
MONROE									
COLUMBIA QUARRY #1 51632-01	COLUMBIA	LEDGE A, COARSE.	92.32	0.73	79.6	34.4	20.7	1.33	1.26
COLUMBIA QUARRY #7 51332-04	WATERLOO	LEDGE 1 - 3, COARSE.	95.67	3.59	96.3	55.4	38.5	0.88	0.95
COLUMBIA QUARRY #9 51632-09	DUPO	LEDGE 1A + 2, COARSE.	93.88	1.57	85.9	40.5	28.1	1.12	1.14
MONTGOMERY									
HANSON MATERIAL SERVICE YARD 12 51352-01	NOKOMIS 3 MI. N.	COMBINED LEDGES	92.94	0.35	86.2	41.8	26.8	1.14	1.14
HANSON MATERIAL SERVICE YARD 58 51352-04	NOKOMIS 3 MI. N.	COMBINED LEDGES	92.39	0.62	100.0	99.4	93.5	0.52	0.73
NOKOMIS QUARRY 51352-03	NOKOMIS 4 MI. N.	COMBINED LEDGES - PEP LIME (FINE LIME)	94.35	0.64	98.6	46.1	26.8	1.04	1.02
NOKOMIS QUARRY 51352-03	NOKOMIS 4 MI. N.	COMBINED LEDGES - COARSE AGG LIME	96.04	0.57	79.7	26.8	15.5	1.47	1.31
OGLE									
EAGLE CREEK QUARRIES 51412-18	POLO W.	0.0 - 10.7 M. FACE	97.79	11.90	74.7	56.7	40.5	0.89	1.01
FISCHER EXCAVATING, INC. 51412-00	MONROE CENTER 2 MI. N.	0.0 - 12.2 M, NORTH FACE	101.68	12.01	73.8	37.9	26.9	1.11	1.14
MACKLIN INC. 51412-68	ROCHELLE 2 MI. E.	0.0 - 39.0 M. FACE	98.58	11.89	76.1	36.8	27.3	1.14	1.18
MARTIN MATERIALS CORP. 51412-47	OREGON 2 MI. N.W.	+1.0 - 16.8 M, SOUTH FACE	96.73	11.38	65.8	34.0	24.5	1.28	1.31
ROGERS READY MIX & MATERIALS 51412-32	BYRON N. EDGE	0.0 - 18.3 M, UPPER LEDGE	95.96	11.56	80.7	44.2	34.2	1.02	1.11

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ROGERS READY MIX & MATERIALS 51412-32	BYRON N. EDGE	15.2 - 27.0 M, LOWER LEDGE	92.96	11.68	72.5	30.6	20.9	1.40	1.36
STEVE BENESH & SONS 51412-72	OREGON 5 MI. N.	+ 2.1 - 15.2 M. FACE	93.71	11.14	63.6	37.6	31.9	1.18	1.32
PIKE									
CENTRAL STONE 51492-41	BARRY 2 MI. W.	COMMON STOCKPILE	82.81	1.29	92.1	55.0	40.4	1.01	1.12
CENTRAL STONE 51492-04	FLORENCE 0.75 MI. N.	LEDGE 2	86.40	1.04	94.8	56.5	38.9	0.96	1.05
CENTRAL STONE 51492-05	KINDERHOOK 1 MI. E.	COMMON STOCKPILE	88.41	0.90	89.7	55.4	40.7	0.95	1.05
LACEY & BAUER 51492-03	PEARL 3 MI. W.	LEDGE 3	97.01	1.05	89.1	58.0	42.2	0.84	0.95
V.H. CALLENDER 51492-37	NEBO 4 MI. N.	COMBINED LEDGES	102.09	0.15	88.3	55.7	39.5	0.83	0.92
V.H. CALLENDER 51492-01	NEW HARTFORD 3 MI. S.W.	LEDGE 1	90.36	0.98	86.3	56.0	42.7	0.91	1.04
V.H. CALLENDER 51492-42	PERRY 2 MI. N.	LEDGE 1	85.99	1.37	80.3	47.1	34.1	1.12	1.21
V.H. CALLENDER 51492-02	VALLEY CITY 1.5 MI. S.W.	COMBINED LEDGES (EAST PILE)	96.39	1.75	81.1	48.0	34.7	0.98	1.07
V.H. CALLENDER 51492-02	VALLEY CITY 1.5 MI. S.W	COMBINED LEDGES (WEST PILE)	83.28	1.45	81.3	48.8	36.0	1.12	1.22
RANDOLPH									
MARTIN MARIETTA AGG. 51572-05	PRAIRIE DU ROCHER	VARIOUS LEDGES, FINE.	95.66	1.16	93.8	55.6	34.8	0.91	0.96
MARTIN MARIETTA AGG. 51572-05	PRAIRIE DU ROCHER	VARIOUS LEDGES, COARSE.	97.99	0.65	79.9	38.4	22.8	1.19	1.15
ROCK ISLAND									
RIVERSTONE GROUP 51612-31	MILAN N.E.	LEDGE 10, 77.1 - 92.3 M.	101.14	12.12	84.9	31.9	24.3	1.16	1.15
RIVERSTONE GROUP 51612-23	OSBORN 1.5 MI. N.	LEDGES 1 & 2	95.99	11.37	94.7	50.2	33.0	0.95	0.99
SHELBY									
BRUSH CREEK QUARRY 51732-01	STEWARDSON 4.5 MI. W.	FULL FACE	41.76	1.13	66.1	25.8	16.2	3.61	3.30

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ST. CLAIR									
CASPER STOLLE 51632-05	DUPO	LEDGE 12, 24.0 ' (7.3 M)	92.50	1.26	83.5	46.1	33.3	1.04	1.12
FALLING SPRINGS 51632-03	DUPO	LEDGE 1B, 110 ' (33.5 M)	93.47	3.00	89.0	52.6	39.6	0.92	1.02
STEPHENSON									
CONMAT, INC. 51772-28	FREEPORT 1 MI. E.	15.2 M - 30.5 M, S. FACE	101.93	12.14	85.8	55.1	41.3	0.83	0.93
CONMAT, INC. 51772-27	ORANGEVILLE 1.5 MI. S.E.	0 - 15.2 M	104.28	12.96	91.9	56.8	39.0	0.80	0.88
CONMAT, INC. 51772-01	ROCK CITY 1 MI. S.E.	0 - 13.8 M	99.59	12.32	81.7	46.9	36.3	0.94	1.04
DOC'S EXCAVATING, INC. 51772-04	LENA 0.5 MI. N.E.	+3 M - 15.2 M, W. FACE	102.14	12.52	84.8	53.4	40.5	0.84	0.95
FISCHER EXCAVATING, INC. 51772-51	FREEPORT 4 MI. N.E.	0 - 9.1 M, W. TO N.W. FACE	103.18	12.57	83.4	54.8	42.5	0.81	0.93
UNION									
ANNA QUARRIES, INC. 51812-02	ANNA N.E. EDGE	LEDGE 2	83.89	1.13	83.2	43.5	28.4	1.24	1.26
ANNA QUARRIES, INC. 51812-02	ANNA N.E. EDGE	LEDGE 4	82.23	0.86	61.9	25.6	17.3	1.84	1.72
SHAWNEE STONE 51812-03	JONESBORO 6 MI. S.	VARIOUS	99.20	0.36	92.8	52.0	35.8	0.89	0.95
VERMILION									
ALLERTON SUPPLY CO. 51832-01	FAIRMOUNT 2 MI. W.	PELLET. 3" MATL, 16 ' FACE FROM MAT. SERVICE @ FAIRMOUNT.	89.00	0.35	100.0	100.0	100.0	0.52	0.76
HANSON MATERIAL SERVICE 51832-01	FAIRMOUNT 2 MI. W.	15 - 18 ' LEDGE, NORTH CUT	95.14	0.48	98.9	55.7	35.0	0.90	0.94
WARREN									
MONMOUTH QUARRY 51872-02	MONMOUTH	KEOKUK/BUR- LINGTON LEDGES, AGLIME 002FA00	98.12	5.27	84.1	57.5	43.0	0.84	0.96
RIVERSTONE VALLEY QUARRY 51872-01	ST. AUGUSTINE	60 ' LEDGE, AGLIME 002FA00	86.63	2.72	96.5	60.9	43.2	0.90	1.01

LIMESTONE PROGRAM PRODUCER INFORMATION - 2010

IL COUNTY PRODUCER NAME	CITY ADDRESS	STOCKPILE OR LEDGE LOCATION	% CCE	% MG	% PASS #8	% PASS #30	% PASS #60	CORRECTION FACTORS 1 YEAR	 4 YEAR
WHITESIDE									
ALLIANCE MATERIALS 51952-59	EMERSON 1 MI. S.E.	0.0 - 23.5 M., NORTH FACE	91.33	11.42	89.5	48.9	36.2	0.99	1.08
FISCHER EXCAVATING, INC. 51952-03	STERLING 6 MI. N.	0.0 - 11.6 M, SOUTH FACE	97.79	11.60	87.5	47.9	33.8	0.96	1.02
WENDLING 51952-64	ALBANY 1.5 MI. N.	0 - 18.0 M.	101.18	12.30	97.5	69.5	60.9	0.65	0.81
WILL									
HANSON MATERIAL SERVICE 51972-02	ROMEOVILLE	132 - 147 FACE, WEST QUARRY, NEW.	94.49	11.11	79.2	44.0	32.3	1.06	1.13
HANSON MATERIAL SERVICE 51972-02	ROMEOVILLE	132 - 147 FACE, WEST QUARRY, OLD.	92.85	10.88	69.2	27.0	14.6	1.62	1.44
LAFARGE 51972-15	JOLIET	290 - 315 '	102.93	12.13	100.0	79.2	53.2	0.64	0.74
MINING INTERNATIONAL 51972-20	JOLIET	LEVELS 1 & 2 MINE	101.50	12.11	66.5	36.6	26.4	1.17	1.21
VULCAN MATERIALS 51972-09	BOLINGBROOK	LEVELS 1 & 2 COMBINED	99.77	5.94	99.6	63.2	43.9	0.76	0.85
VULCAN MATERIALS 51972-19	JOLIET	0 - 90, WEST FACE	95.51	11.67	77.7	38.2	26.8	1.17	1.19
WINNEBAGO									
CORDRAY BROTHERS INC. 52012-60	ROCKFORD 3 MI. S.W.	0.0 M - 6.1 M	101.75	12.23	64.3	39.1	28.5	1.12	1.19
ROGERS READY MIX & MATERIALS 52012-31	CHERRY VALLEY 2 MI. S.W.	LDG #1, 0 - 12.2 M	102.26	12.46	78.8	48.9	34.9	0.93	1.01
ROGERS READY MIX & MATERIALS 52012-31	CHERRY VALLEY 2 MI. S.W.	LDG #2, 12.2 M - 26.5 M	102.54	12.46	71.6	48.4	33.3	0.96	1.04
ROSCOE ROCK & SAND 52012-71	PECATONICA 1 MI. E.	7.6 - 10.6 M	98.10	11.48	88.8	52.3	36.5	0.90	0.98
ROSCOE ROCK & SAND 52012-23	ROCKTON 2 MI. S.W.	12.8 - 20.4 M	98.72	11.54	83.2	42.9	32.4	1.01	1.08
WM. CHAS. CONSTRUCTION 52012-86	DURAND 6 MI. S.E.	0.0 - 16.8 M	97.13	11.71	81.9	49.0	38.4	0.93	1.04
WM. CHAS. CONSTRUCTION 52012-77	ROCKFORD 3 MI. S.E.	6.1 - 26.8 M	101.88	12.19	93.7	58.4	43.5	0.78	0.88
WM. CHAS. CONSTRUCTION 52012-91	ROSCOE 2 MI. S.E.	15.5 - 27.1 M	100.66	12.44	90.3	57.3	40.9	0.82	0.91

LIMESTONE PROGRAM PRODUCER INFORMATION - 2010

STATE PRODUCER NAME	CITY ADDRESS	STOCKPILE OR LEDGE LOCATION	% CCE	% MG	% PASS #8	% PASS #30	% PASS #60	CORRECTION FACTORS 1 YEAR	 4 YEAR
INDIANA									
CALCAR QUARRIES, INC. 52102-10	PAOLI 1.5 MI. E.	33.5 M (110 ') FACE - LEDGE 5	96.76	0.57	86.3	41.3	24.2	1.13	1.10
CAVE QUARRIES, INC. 77000-97	PAOLI 4 MI. W.	12.2 M (40 ') FACE - LEDGES 17 - 22	92.78	1.30	97.4	47.8	30.3	1.02	1.03
MARTIN MARIETTA 52102-33	CLOVERDALE 2 MI. N.	20.7 M. LEDGE	90.98	0.54	94.7	50.1	33.8	1.00	1.05
MULZER CRUSHED STONE 52102-11	ENGLISH 3 MI. E.	LEDGE 2	95.99	1.88	93.8	44.7	27.3	1.05	1.04
MULZER CRUSHED STONE 52102-11	ENGLISH 3 MI. E.	VARIOUS LEDGES	91.06	1.33	95.3	50.7	31.4	1.01	1.04
MULZER CRUSHED STONE 52102-18	FREDONIA 4 MI. S.	VARIOUS LEDGES LIMESTONE	94.65	1.75	97.4	57.2	38.3	0.88	0.94
MULZER CRUSHED STONE 52102-18	FREDONIA 4 MI. S.	VARIOUS LEDGES DOLOMITE	96.35	8.77	84.2	45.4	34.6	0.99	1.07
MULZER CRUSHED STONE 52102-29	PAOLI 4 MI. W.	VARIOUS LEDGES	97.27	2.13	73.5	39.1	25.7	1.17	1.19
MULZER CRUSHED STONE 52102-14	TOWER 3 MI. S.	VARIOUS LEDGES	96.38	2.16	94.5	54.3	36.0	0.90	0.96
NEWTON CO. STONE 52102-01	KENTLAND 3 MI. E.	VARIOUS, FINE GRIND.	101.70	12.07	97.1	63.3	45.2	0.75	0.84
NEWTON CO. STONE 52102-01	KENTLAND 3 MI. E.	VARIOUS, REGULAR GRIND.	97.05	11.22	90.4	43.1	30.3	1.02	1.06
ROGERS GROUP - BLOOMINGTON CR. ST. 52102-07	BLOOMINGTON 5 MI. W.	COMBINED LEDGES	95.93	1.07	83.9	50.2	34.2	0.97	1.04
ROGERS GROUP - MITCHELL CRUSHED STONE 52102-04	MITCHELL 7 MI. W.	9.1 M FACE - LEDGE 6B & 7	95.33	2.18	89.6	50.5	35.1	0.95	1.02
ROGERS GROUP - OWEN VALLEY QUARRY 52102-31	SPENCER 1.25 MI. W.	0 - 30.8 M (101 ') - LEDGES 1 & 2 (COARSE)	90.48	2.03	58.5	21.0	13.6	1.91	1.69
VULCAN MATERIALS 52102-23	FRANCESVILLE 2 MI. S.	VARIOUS - FINE GRIND.	105.71	12.89	98.5	69.9	49.8	0.67	0.77
VULCAN MATERIALS 52102-23	FRANCESVILLE 2 MI. S.	VARIOUS, REGULAR GRIND.	106.37	12.84	73.1	30.0	19.1	1.26	1.19
VULCAN MATERIALS 52102-34	LOWELL 5 MI. S.	VARIOUS, FINE.	100.30	11.68	71.0	36.4	26.0	1.17	1.19
VULCAN MATERIALS 52102-34	LOWELL 5 MI. S.	VARIOUS - COARSE.	104.70	12.64	73.9	35.5	25.1	1.13	1.14
VULCAN MATERIALS 52102-24	MONON 1 MI. S.	VARIOUS	102.33	12.35	87.9	38.0	22.6	1.11	1.06

IOWA

GREAT RIVER MATERIALS - HERITAGE QUARRY 52202-94	BURLINGTON	KEOKUK & CEDAR FORK, AGLIME 002FA00	78.11	1.53	88.0	53.7	39.4	1.10	1.22
RIVERSTONE 52202-10	LECLAIRE N. EDGE	LEDGE 5, BEDS 23 - 28	101.15	11.98	84.8	41.3	31.3	1.00	1.06
RIVERSTONE 52202-16	MCCAUSLAND 4 MI. W.	LEDGES 3 & 4	103.67	11.85	62.1	32.9	26.5	1.19	1.26
WENDLING @ MOSCOW 52202-09	ATALISSA 3 MI. E.	BEDS 8 - 17 & 21A - 24	96.52	8.76	83.1	50.8	35.3	0.95	1.03
WENDLING @ SHAFTON 52202-06	CAMANCHE 4 MI. S.	BED 17	105.03	12.57	83.4	41.9	28.8	0.99	1.02

MISSOURI

BUSSEN @ ANTIRE 52302-65	EUREKA	LEDGES 11 - 27, 212 ' (64.6 M)	81.54	5.27	100.0	99.7	90.4	0.60	0.83
CENTRAL STONE - FORT BELLE QUARRY 52302-53	FLORISSANT	VARIOUS	87.18	2.90	99.3	98.8	97.7	0.54	0.78
CENTRAL STONE 52302-04	HUNTINGTON	COMMON STOCKPILE	95.71	0.37	99.8	79.6	56.4	0.67	0.79
CENTRAL STONE 52302-46	TAYLOR S. EDGE	COMMON STOCKPILE	93.22	1.46	95.6	59.1	40.7	0.87	0.95
MARTIN MARIETTA AGG. 52302-41	PERRYVILLE	LEDGE 1, FINE.	95.57	2.79	100.0	99.8	98.6	0.49	0.71
MARTIN MARIETTA AGG. 52302-41	PERRYVILLE	LEDGE 1, COARSE.	95.88	2.79	86.4	35.1	24.0	1.19	1.17
MISSISSIPPI LIME 52302-08	STE. GENEVIEVE	30 M., 50 LB. PRODUCT BAG. LIME HYDRATED SOIL COND.	123.57	0.29	97.8	97.0	96.7	0.39	0.56
MISSISSIPPI LIME 52302-08	STE. GENEVIEVE	30 M., BULK LOADOUT. CODE H SOIL COND.	123.39	0.28	98.8	90.2	67.0	0.47	0.58
MISSISSIPPI LIME 52302-08	STE. GENEVIEVE	30 M., 50 LB. PROD. BAG. R-2 LIMESTONE SOIL CONDITIONER.	99.11	0.20	100.0	100.0	99.6	0.47	0.68
MISSISSIPPI LIME 52302-08	STE. GENEVIEVE	30 M., BULK LOADOUT. CODE L SOIL COND.	67.51	0.33	99.6	99.3	99.0	0.69	1.00
MISSISSIPPI LIME 52302-08	STE. GENEVIEVE	30 M., 50 LB. PRODUCT BAG. R-1 LIMESTONE SOIL COND.	99.24	0.21	100.0	74.6	26.4	0.84	0.79
MISSISSIPPI LIME 52302-08	STE. GENEVIEVE	30 M., BULK LOADOUT TAILINGS. CODE HA SOIL COND.	67.87	0.17	98.4	89.1	75.7	0.81	1.06
MISSISSIPPI LIME 52302-08	STE. GENEVIEVE	30 M., 50 LB. PRODUCT BAG. CALCIUM CARB. SOIL COND.	98.52	0.18	73.1	51.5	37.1	0.94	1.05

LIMESTONE PROGRAM PRODUCER INFORMATION - 2010

MISSISSIPPI LIME 52302-08	STE. GENEVIEVE	30 M., STORAGE BIN. R-O LIMESTONE SOIL CONDITIONER.	99.13	0.23	75.4	49.1	32.3	0.99	1.05
TOWER ROCK STONE 52302-39	STE GENEVIEVE	VARIOUS LEDGES, COARSE.	94.79	1.34	98.2	65.2	41.5	0.81	0.89
W.B. SMITH 52302-28	LOUISIANA S. EDGE	COMMON STOCKPILE	96.37	0.28	94.0	57.3	41.9	0.84	0.94
W.B. SMITH 52302-28	LOUISIANA S. EDGE	PIT 8, 0 - 25 '	96.34	0.17	93.0	56.8	40.4	0.86	0.95

WISCONSIN

FRANKLIN AGGREGATE 52402-99	FRANKLIN	LEVEL III	98.32	11.93	71.6	34.9	25.1	1.22	1.23
HALQUIST STONE 52402-10	SUSSEX	NORTHSIDE BENCHS 1 - 3	97.65	11.75	95.6	75.8	63.2	0.64	0.81
LITTLE LIMESTONE CO. 52402-96	CLINTON 1 MI. N.	12.2 - 18.3 M	94.95	11.23	91.3	79.2	67.9	0.64	0.83
VULCAN MATERIALS 52402-95	FRANKLIN	WAUKESHA LEVEL	89.93	10.71	55.6	26.8	20.6	1.63	1.62
VULCAN MATERIALS 52402-01	RACINE	LOWER WAUKESHA	95.72	11.66	74.7	35.5	24.4	1.24	1.24
VULCAN MATERIALS 52402-64	SUSSEX	WAUKESHA 0 - 100 '	101.29	12.22	99.9	64.0	46.6	0.73	0.83
WAUKESHA LIME 52402-05	WAUKESHA	COMBINED LEDGES, 0 - 185 '	98.56	11.85	92.8	40.6	28.5	1.04	1.05

Although the listing is subject to change due to producer changes,
the information given herein was correct to the best of our knowledge at the date of this issue.

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