

State of Illinois

Department of Agriculture
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Illinois Voluntary Limestone Program PRODUCER INFORMATION

August 2011 Edition

Produced by:
Illinois Department of Agriculture
Illinois Department of Transportation



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 - 2011

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	79.46	2.79	81.4	50.6	39.3	1.12	1.26
CENTRAL STONE 50012-33	MARBLEHEAD N.E. EDGE	COMMON STOCKPILE	98.58	1.11	86.9	52.4	37.3	0.90	0.98
CENTRAL STONE 50012-06	QUINCY 5 MI. E.	COMMON STOCKPILE	86.36	0.94	90.7	57.1	40.8	0.96	1.06
BOONE									
CHAS. LEE & SONS 50072-02	IRENE 1 MI. S.	12.2 - 26.5 M.	103.24	12.34	86.1	49.2	33.5	0.91	0.96
QUALITY AGGREGATES 50072-04	IRENE 1.5 MI. N.W.	0.0 - 29.0 M.	103.49	12.68	66.5	39.0	28.6	1.09	1.16
WM. CHARLES CONSTRUCTION & MATLS. 50072-01	BELVIDERE 3 MI. S.W.	1.8 - 26.5 M.	103.81	12.41	91.6	53.7	38.6	0.82	0.90
CARROLL									
SAVANNA QUARRIES INC. 50152-92	WACKER 2 MI. N.W.	0 - 31.1 M., N. FACE, W. END	103.02	12.82	78.0	45.2	33.9	0.95	1.04
WENDLING QUARRIES INC. 50152-74	MT. CARROLL 2 MI. W.	18.0 - 31.7 M.	103.50	12.25	71.7	39.3	28.0	1.08	1.12
CHRISTIAN									
PANA LIMESTONE 50212-04	PANA 7 MI. W.	COMBINED LEDGES	94.62	0.60	83.1	31.1	19.3	1.34	1.25
CLARK									
CASEY STONE CO. 50232-06	CASEY 2.5 MI. S.	FULL FACE	82.89	0.63	86.9	41.4	27.3	1.27	1.28
MID-ILLINOIS QUARRY 50232-02	CASEY 2 MI. S.E.	FULL FACE	89.78	0.43	82.6	37.5	23.6	1.28	1.24
QUALITY LIME 50232-05	MARSHALL 1.5 MI. S.E.	ALL LEDGES COMBINED	90.23	0.74	99.3	78.1	56.1	0.72	0.85
COLES									
CHARLESTON STONE 50292-02	CHARLESTON 2.5 MI. N.E.	FINE LIME	92.63	0.31	99.9	89.6	60.6	0.65	0.77
CHARLESTON STONE 50292-02	CHARLESTON 2.5 MI. N.E.	REGULAR PRODUCTION	91.71	0.39	82.4	41.8	31.2	1.11	1.17

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								1 YEAR	4 YEAR
COOK									
HANSON MATERIAL SERVICE 50312-02	MCCOOK	LEVEL 7, 40' FACE	91.78	10.94	72.4	36.6	26.0	1.27	1.29
MATERIAL SERVICE 50312-04	THORNTON	COMPOSITE LEDGES	105.67	12.85	97.4	52.7	32.6	0.85	0.87
VULCAN 50312-90	BARTLETT	LEVEL 1	101.39	12.06	71.2	39.5	28.9	1.09	1.15
VULCAN MATERIALS 50312-78	MCCOOK	VARIOUS	98.61	11.93	93.6	53.7	38.6	0.86	0.94
DEKALB									
VULCAN MATERIALS 50372-02	DEKALB 4 MI. E.	VARIOUS LEDGES	102.99	12.64	82.1	46.6	34.3	0.93	1.00
VULCAN MATERIALS 50372-01	SYCAMORE 5 MI. N.	VARIOUS LEDGES (FINE)	101.21	12.24	98.0	90.6	89.5	0.50	0.71
VULCAN MATERIALS 50372-01	SYCAMORE 5 MI. N.	VARIOUS LEDGES (COARSE)	103.69	12.68	83.4	44.4	31.4	0.96	1.01
DOUGLAS									
TUSCOLA STONE 50412-01	TUSCOLA 1.5 MI. S.E.	MIXED LEDGES	92.87	10.99	95.5	59.1	44.8	0.84	0.95
GREENE									
KIMATERIALS 50612-02	KANE 3 MI. W.	VARIOUS LEDGES	90.04	4.05	76.2	40.8	28.6	1.20	1.24
GRUNDY									
LAFARGE 50632-01	MORRIS 2.5 MI. E.	0 - 75' LEDGE, FINE LIME	95.51	3.42	98.8	68.5	49.4	0.75	0.86
LAFARGE 50632-01	MORRIS 2.5 MI. E.	0 - 75' LEDGE, COARSE LIME	94.41	4.49	84.1	35.9	24.9	1.20	1.19
HANCOCK									
GRAY QUARRIES 50672-03	HAMILTON W. EDGE	COMMON STOCKPILE	90.65	2.42	94.5	80.2	66.3	0.67	0.85
R. L. O'NEAL 50672-04	PLYMOUTH 3 MI. N.W.	COMMON STOCKPILE	88.19	3.95	78.4	45.3	34.9	1.10	1.21
HARDIN									
HASTIE MINING 50692-04	CAVE-IN-ROCK 3 MI. N.W.	VARIOUS	89.39	0.51	70.8	35.2	23.5	1.37	1.36

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								1 YEAR	4 YEAR
MARTIN MARIETTA #3 50692-09	ROSICLARE 6 MI. N.W.	VARIOUS	93.29	0.94	58.9	30.4	22.4	1.45	1.46
HENDERSON									
CESSFORD CONSTRUCTION 50712-03	BIGGSVILLE	KEOKUK & CEDAR FORK, 42' FACE	85.58	3.88	90.2	61.3	47.9	0.89	1.04
CESSFORD CONSTRUCTION 50712-02	DALLAS CITY	KEOKUK & BURLINGTON, 120' FACE	69.26	2.49	79.2	49.2	36.5	1.34	1.48
HENRY									
RIVERSTONE GROUP 50732-12	CLEVELAND S.E.	LEDGE 3	100.35	11.96	89.8	34.8	21.3	1.17	1.10
IROQUOIS									
PRAIRIE 50752-01	ASHKUM 8 MI. W.	A LEDGE / REGULAR	91.95	2.72	84.3	42.6	29.8	1.11	1.15
JACKSON									
KINKAID STONE CO. 50772-02	AVA 5 MI. S.W.	VARIOUS	92.09	1.58	83.6	43.1	29.2	1.12	1.15
JERSEY									
CALHOUN QUARRY INC. 50832-03	HARDIN 4 MI. E.	VARIOUS LEDGES & LOCATIONS	94.10	1.85	97.4	53.1	34.5	0.93	0.98
JO DAVIESS									
CONMAT INC. 50852-61	ELIZABETH 1 MI. W.	0 - 21.3 M.	103.82	12.23	85.8	54.5	41.5	0.81	0.92
CONMAT INC. 50852-06	GALENA 1 MI. S.	18.3 - 30.5 M.	97.11	5.99	88.4	53.8	40.5	0.87	0.98
CONMAT, INC. 50852-67	STOCKTON 4 MI. N.	0 - 15.2 M.	103.83	12.65	95.6	62.0	47.2	0.73	0.84
LOUIE'S AGGREGATE CO. 50852-90	GUILFORD 0.5 MI. W.	0 - 13.7 M.	104.66	11.86	80.4	46.6	35.0	0.91	1.00
JOHNSON									
SHAWNEE STONE 50872-02	CYPRESS 3 MI. S.	VARIOUS	94.23	1.28	81.0	43.6	28.7	1.10	1.13
SOUTHERN IL STONE 50872-03	BUNCOMBE 3 MI. N.	VARIOUS	77.19	1.60	72.3	31.7	21.1	1.67	1.62

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								1 YEAR	4 YEAR
KANE									
LAFARGE 50892-01	NORTH AURORA	VARIOUS LEDGES - FINE GRIND	100.81	5.14	96.7	69.4	51.6	0.70	0.81
LAFARGE 50892-01	NORTH AURORA	VARIOUS LEDGES - COARSE	100.77	6.33	79.3	34.1	24.2	1.17	1.16
LAFARGE 50892-02	SOUTH ELGIN 2 MI. S.W.	0 - 7.6 M. HEADER	102.00	12.34	69.3	36.7	27.0	1.14	1.18
KANKAKEE									
PRAIRIE 50912-06	MANTENO 2 MI. W.	A LEDGE / REGULAR	99.41	12.03	90.8	46.2	31.4	0.97	1.00
VULCAN 50912-02	KANKAKEE 10 MI. W.	LEDGE 1	96.66	11.07	79.6	39.8	29.5	1.10	1.15
VULCAN 50912-04	MANTENO 2.5 MI. S.	DE LEDGE	105.92	12.75	66.6	33.8	24.2	1.18	1.19
KENDALL									
VULCAN 50932-02	LISBON 2.5 MI. E.	VARIOUS LEDGES & LOCATIONS; FINE MATERIAL	99.13	11.70	92.5	50.5	37.2	0.89	0.97
VULCAN 50932-02	LISBON 2.5 MI. E.	VARIOUS LEDGES & LOCATIONS - COARSE MATERIAL	99.83	11.85	73.6	36.4	27.1	1.15	1.18
LASALLE									
LAFARGE NORTH AMERICA 50992-02	UTICA 0.5 MI. S.	VARIOUS LEDGES & LOCATIONS; FINE	77.63	9.30	96.5	65.3	49.7	0.93	1.09
LAFARGE NORTH AMERICA 50992-02	UTICA 0.5 MI. S.	VARIOUS LEDGES & LOCATIONS; COARSE	81.91	9.69	78.8	42.1	30.6	1.26	1.33
RIVERSTONE GROUP INC. 50992-04	OGLESBY	VARIOUS LEDGES	71.60	2.67	92.3	59.6	44.4	1.10	1.25
RIVERSTONE GROUP INC. 50992-01	TROY GROVE 1/4 MI. E.	VARIOUS LEDGES - FINE LIME	99.91	11.76	95.3	61.8	47.1	0.76	0.87
LEE									
NORTHWEST IL CONSTRUCTION, LLC 51032-73	DIXON 6 MI. W.	+4.6 - 19.8 M. FACE	102.64	11.80	76.9	44.3	33.2	0.97	1.05
NORTHWEST IL CONSTRUCTION LLC 51032-73	DIXON 6 MI. W.	LEDGE 006, +4.6 - 19.8 M., NEW MATERIAL	102.53	12.55	79.3	52.3	41.9	0.84	0.97

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								1 YEAR	4 YEAR
PRAIRIE MATERIALS 51032-80	DIXON .5 MI. N.E.	3.7 - 11.0 M.	90.39	4.30	81.5	41.9	32.0	1.12	1.19
RENNER QUARRIES 51032-04	AMBOY 1.5 MI. S.W.	LEDGE 004, 19.8 - 27.4 M.	101.24	11.79	74.4	37.8	28.1	1.10	1.15
RENNER QUARRIES 51032-76	ELDNA 2.5 MI. W.	LEDGE 001, 12.2 - 23.2 M. FACE	100.85	11.73	92.7	61.5	40.2	0.80	0.87
LIVINGSTON									
PRAIRIE MATERIALS 51052-09	OCOYA	6.0 M. FACE	86.00	0.99	88.7	45.0	29.1	1.16	1.18
VALLEY VIEW INDUSTRIES 51052-19	MCDOWELL	4 M. FACE, FINE LIME	90.91	0.32	98.9	65.3	43.8	0.83	0.92
VALLEY VIEW INDUSTRIES 51052-19	MCDOWELL	4 M. FACE, BLENDED LIME	90.84	0.42	95.5	52.2	35.2	0.97	1.03
LOGAN									
HANSON MATERIAL SERVICE #10 51072-05	LINCOLN 4 MI. W.S.W.	COMBINED LEDGES	92.33	0.31	75.2	29.8	19.2	1.44	1.36
MCDONOUGH									
CENTRAL STONE 51092-03	COLCHESTER	L1	83.99	2.97	94.8	60.2	43.8	0.93	1.05
MADISON									
ALBY QUARRY 51192-03	ALTON	VARIOUS	96.02	1.69	74.8	35.3	23.3	1.26	1.24
BLUFF CITY 51192-02	ALTON S.E. EDGE	LEVEL 1 & 2	89.77	1.75	73.8	36.6	26.0	1.29	1.31
HIGH CAL PELLET LIME 51192-04	ALTON S.E. EDGE	LEVEL 1 & 2	89.39	1.93	100.0	100.0	100.0	0.52	0.76
KIMATERIALS 51192-01	GODFREY 3.5 MI. N.W.	VARIOUS LEDGES	88.66	6.17	90.5	55.7	38.9	0.96	1.05
MENARD									
HANSON MATERIAL SERVICE #17 51292-02	ATHENS 4 MI. N.	COMBINED LEDGES	90.59	0.56	89.3	44.2	30.0	1.10	1.13
MONROE									
COLUMBIA QUARRY #7 51332-04	WATERLOO	24.4 M., LEDGE 1 - 3	94.84	2.82	87.7	45.2	32.7	1.02	1.08

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								1 YEAR	4 YEAR
MONTGOMERY									
HANSON MATERIAL SERVICE YARD #12 51352-01	NOKOMIS 3 MI. N.	COMBINED LEDGES	92.31	0.57	75.5	33.3	21.9	1.35	1.31
HANSON MATERIAL SERVICE #58 51352-04	NOKOMIS 3 MI. N.	COMBINED LEDGES	92.89	0.37	100.0	99.1	90.8	0.52	0.73
NOKOMIS QUARRY 51352-03	NOKOMIS 4 MI. N.	COMBINED LEDGES, PEP LIME (FINE LIME)	92.23	0.56	96.0	61.6	45.5	0.83	0.94
NOKOMIS QUARRY 51352-03	NOKOMIS 4 MI. N.	COMBINED LEDGES, COARSE AGG LIME	95.26	0.57	92.0	49.7	26.3	1.04	1.01
OGLE									
MACCLIN INC. 51412-68	ROCHELLE 2 MI. E.	0.0 - 39.0 M. FACE	96.29	11.10	78.2	34.6	24.9	1.22	1.22
MARTIN MATERIALS CORP. 51412-34	OREGON 1 MI. N.E.	LEDGE 003, +4.6 - 18.3 M.	103.09	12.13	88.3	54.6	37.2	0.84	0.92
MARTIN MATERIALS CORP. 51412-47	OREGON 2 MI. N.W.	LEDGE 004, +1.0 - 16.8 M.	98.08	11.43	75.7	39.9	30.3	1.09	1.15
ROGERS READY MIX & MATERIALS 51412-32	BYRON N. EDGE	UPPER, 0.0 - 18.3 M.	96.74	10.20	83.5	46.7	35.6	0.97	1.06
ROGERS READY MIX & MATERIALS 51412-32	BYRON N. EDGE	LOWER, 15.2 - 27.0 M., LEDGE 006	97.31	11.63	71.5	24.4	16.1	1.53	1.39
PIKE									
CENTRAL STONE 51492-41	BARRY 2 MI. W.	COMMON STOCKPILE	84.69	0.78	89.6	57.6	43.8	0.95	1.08
CENTRAL STONE 51492-04	FLORENCE .75 MI. N.	LEDGE 2	84.02	1.97	91.9	53.7	38.4	1.02	1.11
CENTRAL STONE 51492-04	FLORENCE .75 MI. N.	LEDGE 3B	95.28	1.66	96.1	55.9	38.0	0.88	0.95
CENTRAL STONE 51492-04	FLORENCE .75 MI. N.	LEDGE 4	95.21	3.20	93.5	56.6	41.8	0.86	0.96
CENTRAL STONE 51492-04	FLORENCE .75 MI. N.	LEDGE 5	94.93	1.48	90.5	49.4	35.2	0.96	1.03
CENTRAL STONE 51492-05	KINDERHOOK 1 MI. E.	COMMON STOCKPILE	91.93	1.33	90.9	56.2	40.8	0.90	1.00
V.H. CALLENDER 51492-37	NEBO 4 MI. N.	COMBINED LEDGES	93.68	0.16	83.6	51.8	37.3	0.96	1.05
V. H. CALLENDER 51492-01	NEW HARTFORD 3 MI. S.W.	LEDGE 1	92.07	0.95	88.7	53.0	38.3	0.94	1.04

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								1 YEAR	4 YEAR
V. H. CALLENDER 51492-42	PERRY 2 MI. N.	LEDGE 1	83.91	1.38	82.6	48.3	35.2	1.12	1.21
V.H. CALLENDER 51492-02	VALLEY CITY 1.5 MI. S.W.	COMBINED LEDGES (WEST PILE)	86.56	0.89	76.1	43.6	31.0	1.19	1.26
RANDOLPH									
BCM - PDR 51572-04	PRAIRIE DU ROCHER	8.5 M., LEDGE 1	98.73	0.32	83.1	43.1	26.2	1.08	1.07
ROCK ISLAND									
RIVERSTONE GROUP 51612-31	MILAN N.E.	VARIOUS LEDGES 4 - 8, 10 & 11	98.20	10.72	74.0	31.2	23.5	1.27	1.26
RIVERSTONE GROUP 51612-23	OSBORN 1.5 MI. N.	LEDGES 4 & 5	101.11	12.07	84.7	36.7	20.7	1.17	1.10
ST. CLAIR									
CASPER STOLLE 51632-05	DUPO	LEDGE 5 - 9, 75' (22.8 M.)	93.02	2.87	75.3	41.9	31.1	1.12	1.20
COLUMBIA QUARRY #9 51632-09	DUPO	10.4 M., LEDGE 1A & 2	94.73	1.88	82.3	39.6	28.4	1.13	1.16
FALLING SPRINGS 51632-03	DUPO	LEDGE 4 - 5, 65' (19.8 M.)	94.61	3.07	83.5	43.7	31.7	1.05	1.11
SCOTT									
V. H. CALLENDER 51712-01	GLASGOW 3 MI. S.W.	LEDGE 1	92.28	0.96	80.7	45.3	32.4	1.07	1.14
SHELBY									
BRUSH CREEK QUARRY 51732-01	STEWARDSON 4.5 MI. W.	FULL FACE	18.30	1.29	77.4	41.9	31.0	5.67	6.02
STEPHENSON									
CONMAT INC. 51772-28	FREEPORT 1 MI. E.	15.2 - 30.5 M., S. FACE	102.02	11.53	80.7	55.1	43.8	0.82	0.95
CONMAT, INC. 51772-27	ORANGEVILLE 1.5 MI. S.E.	0 - 15.2 M.	103.84	12.44	90.1	58.2	40.2	0.80	0.88
DOC'S EXCAVATING 51772-04	LENA 0.5 MI. N.E.	+3 - 15.2 M., W. FACE	104.26	12.32	87.7	53.3	39.2	0.83	0.92
FISCHER EXCAVATING INC. 51772-51	FREEPORT 4 MI. N.E.	0 - 9.1 M., W. TO N.W. FACE	103.93	12.75	83.1	50.6	38.1	0.86	0.96

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								1 YEAR	4 YEAR
UNION									
ANNA QUARRIES 51812-02	ANNA N.E. EDGE	VARIOUS	91.67	2.04	77.3	35.5	22.6	1.31	1.28
SHAWNEE STONE 51812-03	JONESBORO 6 MI. S.	VARIOUS	99.58	0.50	91.4	64.2	48.1	0.75	0.87
VERMILION									
ALLERTON SUPPLY CO. 51832-01	FAIRMOUNT 2 MI. W.	PELLETIZED 3" MATL., 15 - 18' LEDGE, N. CUT, FROM MATERIAL SERVICE @ FAIRMOUNT.	89.18	0.39	100.0	100.0	100.0	0.52	0.76
HANSON MATERIAL SERVICE 51832-01	FAIRMOUNT 2 MI. W.	N. CUT, 3.7 M. LEDGE	92.86	0.37	88.1	40.7	26.3	1.15	1.14
WARREN									
MONMOUTH QUARRY 51872-02	MONMOUTH	KEOKUK / BURLINGTON	98.01	4.45	89.2	58.9	44.0	0.81	0.93
RIVERSTONE 51872-01	ST. AUGUSTINE	60' LEDGE	94.49	3.22	97.7	69.7	50.7	0.74	0.86
WHITESIDE									
ALLIANCE MATERIALS 51952-86	COLETA 6 MI. E.	LEDGE 004, 0.0 - 21.3 M.	102.27	11.79	79.6	43.1	30.3	1.01	1.05
ALLIANCE MATERIALS 51952-59	EMERSON 1 MI. S.E.	0.0 - 23.5 M.	93.19	8.90	76.0	37.7	28.1	1.19	1.24
WENDLING 51952-64	ALBANY 1.5 MI. N.	12.2 - 18.0 M., LEDGE 2	101.87	12.41	88.1	54.0	44.0	0.81	0.93
WILL									
ELMHURST CHICAGO STONE 51972-10	BOLINGBROOK	20 - 80' LEDGE	96.01	11.47	74.3	39.4	29.4	1.13	1.19
LAFARGE 51972-15	JOLIET	UNDERGROUND MINE, 9W BENCH, SOUTH SCREEN	101.83	11.21	99.4	88.4	67.1	0.57	0.71
LAFARGE 51972-15	JOLIET	UNDERGROUND MINE, 9W BENCH, NORTH SCREEN	102.02	11.85	97.3	68.5	46.7	0.72	0.81
LAFARGE 51972-15	JOLIET	VARIOUS AREAS, UNDERGROUND MINE	102.11	11.95	75.4	45.0	32.8	0.98	1.06
MATERIAL SERVICE 51972-02	ROMEDEVILLE	0 - 145, W. FACE, W. QUARRY	93.26	11.18	71.6	40.8	31.9	1.13	1.23
VULCAN MATERIALS 51972-09	BOLINGBROOK	LEVEL 1 PROD 1	100.48	6.84	99.8	77.0	56.1	0.65	0.77

LIMESTONE PROGRAM PRODUCER INFORMATION - 2011

IL 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 51972-04	LEMONT	LEVEL 2, PROD 1	103.30	10.21	78.1	44.6	30.7	0.99	1.04
WINNEBAGO									
ROGERS READY MIX & MATERIALS 52012-31	CHERRY VALLEY 2 MI. S.W.	12.2 - 26.5 M.	103.52	12.74	74.1	42.1	28.0	1.05	1.08
ROSCOE ROCK & SAND 52012-23	ROCKTON 2 MI. S.W.	12.8 - 20.4 M.	101.60	12.58	90.9	62.1	53.5	0.71	0.87
WILLIAM CHARLES CONSTRUCTION 52012-86	DURAND 6 MI. S.E.	0.0 - 16.8 M.	99.80	12.14	84.2	47.9	38.6	0.91	1.02

LIMESTONE PROGRAM PRODUCER INFORMATION - 2011

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	96.03	1.42	91.1	50.3	32.1	0.97	1.00
CAVE QUARRIES INC. 77000-97	PAOLI 4 MI. W.	9.0 M. (30') FACE - LEDGES 301 - 1502	95.19	1.09	97.8	50.2	29.9	0.98	0.99
MARTIN MARIETTA 52102-33	CLOVERDALE 2 MI. N.	20.7 M. FACE	93.29	0.46	76.1	38.7	26.3	1.21	1.22
MULZER CRUSHED STONE 52102-11	ENGLISH 3 MI. E.	VARIOUS LEDGES	93.81	2.35	91.8	45.6	29.8	1.04	1.06
NEWTON CO. STONE 52102-01	KENTLAND 3 MI. E.	VARIOUS / FINE GRIND	103.52	12.43	95.1	41.2	27.6	0.99	0.99
NEWTON CO. STONE 52102-01	KENTLAND 3 MI. E.	VARIOUS / REGULAR GRIND	106.51	12.75	94.8	44.8	27.5	0.94	0.93
ROGERS GROUP - BLOOMINGTON CR. ST. 52102-07	BLOOMINGTON 5 MI. W.	COMBINED LEDGES	96.42	0.57	91.4	82.5	52.7	0.69	0.80
ROGERS GROUP - MITCHELL CRUSHED STONE 52102-04	MITCHELL 7 MI. W.	31.7 M., LEDGE 3 - 7	95.82	1.53	90.7	47.3	30.2	1.01	1.03
ROGERS GROUP 52102-31	SPENCER 1.25 MI. W.	0.0 - 30.8 M. (101') - LEDGES 1 & 2, COARSE	87.11	2.97	77.7	40.5	28.7	1.23	1.28
VULCAN 52102-23	FRANCESVILLE 2 MI. S.	VARIOUS / REGULAR	106.57	12.88	67.8	31.4	20.1	1.26	1.20
VULCAN 52102-23	FRANCESVILLE 2 MI. S.	VARIOUS / COARSE	106.59	12.91	81.4	32.4	17.9	1.21	1.11
VULCAN 52102-34	LOWELL 5 MI. S.	VARIOUS / COARSE	102.83	12.19	75.5	32.7	19.7	1.25	1.18
VULCAN 52102-24	MONON 1 MI. S.	VARIOUS / REGULAR	105.58	12.37	84.5	31.9	16.1	1.24	1.10
IOWA									
RIVERSTONE 52202-10	LECLAIRE N.	VARIOUS LEDGES	102.64	11.98	92.5	49.5	39.0	0.85	0.94
RIVERSTONE 52202-16	MCCAUSLAND 4 MI. W.	BEDS 17 - 19	104.33	11.71	79.6	46.3	37.3	0.90	1.01
WENDLING 52202-09	ATALISSA 3 MI. E.	VARIOUS LEDGES, BEDS 8 - 17	91.88	8.67	91.6	58.3	43.7	0.87	0.99
WENDLING 52202-06	CAMANCHE 4 MI. S.	BED 17	105.28	12.21	85.5	50.5	36.7	0.86	0.94

LIMESTONE PROGRAM PRODUCER INFORMATION - 2011

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								1 YEAR	4 YEAR
MISSOURI									
APAC 52302-70	BLOOMSDALE 8 MI. N.	LEDGE 41, 50'	96.90	0.73	83.4	57.2	43.1	0.85	0.97
APAC 52302-70	BLOOMSDALE 8 MI. N.	LDG 46, 50' LEDGE	98.29	0.78	69.0	41.4	30.0	1.10	1.17
BUSSEN 52302-65	EUREKA	VARIOUS LEDGES	99.61	5.48	98.8	98.6	96.4	0.48	0.69
BUSSEN 52302-07	KOCH STATION	LEDGE 5 - 15, 69.9' (21.3 M.)	97.32	1.68	86.0	38.8	26.2	1.12	1.12
CENTRAL STONE 52302-53	FLORISSANT	VARIOUS LEDGES	92.15	3.05	100.0	100.0	97.4	0.51	0.73
CENTRAL STONE 52302-04	HUNTINGTON	COMMON STOCKPILE	93.43	0.27	98.6	95.5	72.7	0.59	0.74
CENTRAL STONE 52302-46	TAYLOR S. EDGE	COMMON STOCKPILE	86.13	1.64	99.0	70.0	51.1	0.81	0.94
MARTIN MARIETTA AGGREGATE 52302-41	PERRYVILLE	22.9 M., LEDGE 1	95.88	2.48	91.4	41.2	27.5	1.08	1.08
MISSISSIPPI LIME CO. 52302-08	STE. GENEVIEVE	30 M., FINE AGG. LIME SOIL CONDITIONER CALCIUM CARBONATE	98.24	0.18	77.7	71.9	67.9	0.65	0.88
MISSISSIPPI LIME CO. 52302-08	STE. GENEVIEVE	30 M. UNDERGROUND, FINE AGG. LIME SOIL CONDITIONER CODE H.	123.05	0.45	99.9	98.8	87.5	0.40	0.55
MISSISSIPPI LIME CO. 52302-08	STE. GENEVIEVE	30 M., FINE AGG. LIME SOIL CONDITIONER CODE HA	56.22	0.27	97.6	93.4	90.8	0.89	1.26
MISSISSIPPI LIME CO. 52302-08	STE. GENEVIEVE	30 M., FINE AGG. LIME SOIL CONDITIONER HYDRATED.	123.46	0.30	86.2	85.1	84.0	0.44	0.62
MISSISSIPPI LIME CO. 52302-08	STE. GENEVIEVE	30 M. - UNDERGROUND, FINE AGG. LIME SOIL CONDITIONER CODE L	105.40	0.31	94.2	91.9	77.8	0.51	0.68
MISSISSIPPI LIME CO. 52302-08	STE. GENEVIEVE	30 M. UNDERGROUND, FINE AGG. LIME SOIL CONDITIONER R- O	99.39	0.24	61.5	40.5	28.1	1.15	1.22
MISSISSIPPI LIME CO. 52302-08	STE. GENEVIEVE	30 M., FINE AGG. LIME SOIL CONDITIONER R- 1	99.29	0.25	100.0	72.0	29.8	0.83	0.80

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								1 YEAR	4 YEAR
MISSISSIPPI LIME CO. 52302-08	STE. GENEVIEVE	30 M., FINE AGG. LIME SOIL CONDITIONER R- 2	99.31	0.24	100.0	100.0	99.5	0.47	0.68
SEMO STONE 52302-38	CAPE GIRARDEAU S. END	VARIOUS	97.22	2.46	70.3	27.1	16.5	1.49	1.36
TOWER ROCK STONE 52302-39	STE. GENEVIEVE	12.2 M. ZONE 12, 32.3 M. LEDGE 8, 7.3 M. ZONE 7, 16.8 M. ZONE 9	97.27	1.12	98.4	64.9	41.5	0.79	0.87
W. B. SMITH 52302-28	LOUISIANA S. EDGE	COMMON STOCKPILE	94.77	0.23	97.0	61.9	44.6	0.81	0.91
WISCONSIN									
FRANKLIN AGGREGATE 52402-99	FRANKLIN	LEVEL 5	95.67	11.73	72.8	35.1	25.1	1.24	1.26
HALQUIST STONE 52402-10	SUSSEX	NORTHSIDE LEDGES 1 - 3	101.35	12.23	96.7	81.0	68.8	0.58	0.75
LITTLE LIMESTONE CO. 52402-96	CLINTON 1 MI. N.	12.8 - 18.3 M.	94.84	11.64	95.3	87.3	78.0	0.58	0.78
VULCAN MATERIALS 52402-95	FRANKLIN	RACINE & WAUKESHA LEDGES	101.02	12.39	67.2	35.2	25.4	1.20	1.23
VULCAN MATERIALS 52402-01	RACINE	BRANDON BRIDGE	94.29	11.56	79.2	35.8	24.5	1.23	1.22
VULCAN MATERIALS 52402-64	SUSSEX	WAUKESHA 0 - 100'	101.87	12.36	69.3	34.5	25.8	1.18	1.21
WAUKESHA LIME 52402-05	WAUKESHA	COMBINED LEDGES 0 - 185'	103.97	12.82	91.5	42.2	29.9	0.96	0.99

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.