

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
Always divide the product of step 5 into 46.35.

One Year application Rate
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.

LIMESTONE PROGRAM PRODUCER INFORMATION - 2009

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	LORAIN 2 MI. S.	COMMON STOCKPILE	79.41	2.95	92.7	56.1	39.6	1.05	1.15
CENTRAL STONE 50012-33	MARBLEHEAD N.E. EDGE	COMMON STOCKPILE	99.14	0.74	80.7	47.6	33.2	0.97	1.04
CENTRAL STONE 50012-06	QUINCY 5 MI. E.	COMMON STOCKPILE	89.80	1.08	92.4	54.9	39.6	0.94	1.03
BOONE									
CHAS. LEE & SONS 50072-02	KIRKLAND	LEDGE 5, 0 - 26.2 M.	101.72	11.92	86.1	49.9	36.0	0.90	0.97
WHEELER RD. QUARRY 50072-04	IRENE 1.5 MI. N.W.	0 - 29.0 M.	103.52	12.20	69.1	41.6	31.3	1.03	1.11
CARROLL									
EAGLE CREEK QUARRY 50152-53	MILLEDGEVILLE 1.5 MI. N.E.	- 2.7 - 11 M.	100.57	11.71	78.5	57.5	43.3	0.83	0.96
LOBERG EXCAVATING INC. 50152-78	LANARK 3 MI. N.	0 - 16.8 M., W. TO S.W. FACE	95.95	10.73	84.2	47.5	34.5	0.98	1.06
RITCHIE QUARRY LLC 50152-71	LANARK 1 MI. N.W.	FINE LIME, 10.7 - 15.2 M., S. FACE.	101.43	10.60	99.3	71.9	46.4	0.71	0.79
RITCHIE QUARRY LLC 50152-71	LANARK 1 MI. N.W.	REGULAR LIME, 10.7 - 15.2 M., S. FACE	98.16	11.73	76.4	43.0	31.0	1.05	1.12
SAVANNA QUARRIES INC. 50152-92	WACKER 2 MI. N.W.	0 - 31.1 M., N. FACE, E. END	99.88	11.54	79.0	44.2	32.4	1.00	1.07
WENDLING QUARRIES INC. 50152-74	MT. CARROLL 2 MI. W.	0 - 18.0 M.	103.17	12.04	62.3	31.6	22.5	1.28	1.28
CHRISTIAN									
PANA LIMESTONE 50212-04	PANA 7 MI. W.	COMBINED LEDGES	92.51	0.28	88.8	41.3	27.3	1.13	1.13
CLARK									
CASEY STONE CO. 50232-06	CASEY 2.5 MI. S.	7.6 M. (25') - FULL FACE	89.32	0.75	84.2	37.4	23.4	1.28	1.24
MID-ILLINOIS QUARRY 50232-02	CASEY 2 MI. S.E.	FULL FACE	58.88	0.46	87.5	37.8	24.0	1.90	1.85

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								1 YEAR	4 YEAR
QUALITY LIME CO. 50232-05	MARSHALL 1.5 MI. S.E.	3.4 M. (11') BOTTOM LEDGE, EAST PIT.	88.38	1.25	93.1	47.0	32.4	1.06	1.11

COLES

CHARLESTON STONE COMPANY 50292-02	CHARLESTON 2.5 MI. N.E.	10' TOP LEDGE, EAST PIT. FINE PRODUCTION.	81.98	1.63	99.2	79.2	55.5	0.79	0.93
CHARLESTON STONE COMPANY 50292-02	CHARLESTON 2.5 MI. N.E.	10' TOP LEDGE, EAST PIT. REGULAR PRODUCTION.	78.20	0.51	94.4	58.0	42.0	1.03	1.15

COOK

LEHIGH HANSON MATERIAL 50312-02	MCCOOK	VARIOUS	88.41	10.33	80.3	35.1	23.8	1.33	1.31
MATERIAL SERVICE 50312-04	THORNTON	COMBINED LEDGES 0 - 150, 150 - 232, 232 - 347.	104.06	12.10	78.6	40.2	28.1	1.04	1.07
MATERIAL SERVICE 50312-04	THORNTON	COMBINED LEDGES 0 - 150, 150 - 232, 232 - 347. ALSO BLENDED WITH FLUE DUST.	97.53	11.48	72.0	39.2	30.0	1.12	1.19
MATERIAL SERVICE 50312-04	THORNTON	INDIANA AGG LIME, COMBINED LEVELS 0 - 150, 150 - 232, 232 - 347.	97.21	11.40	75.9	31.2	21.1	1.31	1.26
VULCAN 50312-90	BARTLETT	LEVEL 1	102.43	11.40	72.8	36.1	26.1	1.14	1.16
VULCAN MATERIALS 50312-78	MCCOOK	VARIOUS	100.11	11.62	68.2	35.1	25.2	1.21	1.23

DEKALB

VULCAN MATERIALS 50372-02	DEKALB 4 MI. E.	VARIOUS LEDGES	101.29	11.80	82.5	48.2	36.4	0.91	1.01
VULCAN MATERIALS 50372-01	SYCAMORE 5 MI. N.	VARIOUS LEDGES. FINE.	96.69	11.09	96.8	95.6	95.2	0.50	0.72
VULCAN MATERIALS 50372-01	SYCAMORE 5 MI. N.	VARIOUS LEDGES. COARSE.	104.05	12.07	80.5	45.2	33.8	0.94	1.01

DOUGLAS

TUSCOLA STONE 50412-01	TUSCOLA 1.5 MI. E.	MIXED LEVELS	88.23	9.86	96.1	56.2	37.8	0.95	1.02
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DUPAGE

ELMHURST CHICAGO STONE 51972-10	BOLINGBROOK	VARIOUS	98.34	11.35	72.0	36.4	26.3	1.18	1.21
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LIMESTONE PROGRAM PRODUCER INFORMATION - 2009

IL COUNTY PRODUCER NAME	CITY ADDRESS	STOCKPILE OR LEDGE LOCATION	% CCE	% MG	% PASS #8	% PASS #30	% PASS #60	CORRECTION FACTORS	
								1 YEAR	4 YEAR
ELMHURST CHICAGO STONE 51972-11	BOLINGBROOK	VARIOUS	93.89	10.97	56.6	18.4	11.7	1.99	1.71
VULCAN MATERIALS 51972-04	ROMEDEVILLE 1 MI. N.E.	VARIOUS	102.40	9.68	73.3	42.2	30.8	1.03	1.09
GREENE									
KIMATERIALS - KANE 50612-02	KANE 3 MI. W.	VARIOUS LEDGES	93.83	3.52	85.7	50.1	34.9	0.98	1.05
V.H. CALLENDER 51712-01	GLASGOW 3 MI. S.W.	LEDGE 1	93.90	0.67	78.6	44.0	31.7	1.08	1.15
GRUNDY									
LAFARGE NA AUX SABLE 50632-01	MORRIS 2.5 MI. E.	FINE	93.84	3.91	95.3	68.8	57.4	0.72	0.88
LAFARGE NA AUX SABLE 50632-01	MORRIS 2.5 MI. E.	COARSE LIME	94.84	3.98	78.1	46.7	36.2	1.00	1.11
HANCOCK									
CENTRAL STONE 50672-01	CARTHAGE 4.5 MI. E.	COMMON STOCKPILE	87.89	0.58	90.7	56.3	40.6	0.95	1.05
GRAY QUARRIES 50672-03	HAMILTON W. EDGE	48.8 - 54.9 M., LEDGE 5	94.57	1.22	99.8	77.4	58.3	0.68	0.82
GRAY QUARRIES 50672-03	HAMILTON W. EDGE	COMMON STOCKPILE (NEW PILE)	85.19	2.61	84.3	54.0	38.7	1.02	1.13
GRAY QUARRIES 50672-03	HAMILTON W. EDGE	COMMON STOCKPILE (OLDER PILE)	82.47	2.68	79.8	49.8	37.5	1.11	1.23
R.L. O'NEAL 50672-04	PLYMOUTH 3 MI. N.W.	COMMON STOCKPILE	86.45	4.26	87.2	48.3	37.9	1.04	1.15
HARDIN									
HASTIE MINING 50692-04	CAVE-IN-ROCK 3 MI. N.W.	0 - 33.7 M., BELOW ROSICLARE.	97.35	0.60	82.4	41.5	27.2	1.10	1.11
MARTIN MARIETTA 50692-09	ROSICLARE 6 MI. N.E.	VARIOUS	92.21	1.08	68.2	29.0	20.5	1.47	1.42
HENDERSON									
CESSFORD CONSTRUCTION 50712-03	BIGGSVILLE	KEOKUK & CEDAR FORK, 42' FACE. AGLIME 002FA00.	75.23	2.70	83.5	49.2	34.1	1.25	1.34

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								1 YEAR	4 YEAR
CESSFORD CONSTRUCTION 50712-02	DALLAS CITY	KEOKUK & BURLINGTON, 120' FACE. AGLIME 002FA00.	74.02	3.49	71.6	39.7	28.1	1.50	1.56
HENRY									
RIVERSTONE GROUP - CLEVELAND 50732-12	CLEVELAND S.E.	LEDGE 8, 65.5 - 77.7 M.	101.24	11.78	87.5	35.6	22.1	1.15	1.10
IROQUOIS									
PRAIRIE MATERIALS 50752-01	ASHKUM 8 MI. W.	A LEDGE	91.95	2.55	78.3	35.4	24.8	1.27	1.27
JACKSON									
KINKAID STONE 50772-02	AVA 5 MI. S.W.	VARIOUS LEDGES	87.38	0.60	59.3	24.2	18.1	1.76	1.68
JERSEY									
CALHOUN QUARRY 50832-03	HARDIN 4 MI. E.	LEDGE 1 & 2, 86 FT.	95.15	1.58	96.5	48.7	31.8	0.97	1.00
KIMATERIALS - FIELDON 50832-02	FIELDON 2 MI. S.	VARIOUS LEDGES	88.13	2.02	84.7	49.3	35.4	1.05	1.13
JO DAVIESS									
CONMAT INC. 50852-61	ELIZABETH 1 MI. W.	0 - 21.3 M.	103.45	11.82	90.5	57.0	41.3	0.80	0.89
CONMAT INC. 50852-06	GALENA 1 MI. S.	18.3 - 30.5 M.	96.49	6.13	87.6	50.9	36.3	0.93	1.01
CONMAT INC. 50852-18	SCALES MOUND 1.5 MI. S.	0 - 12.2 M., N. FACE	95.88	11.06	87.0	46.9	33.9	0.99	1.05
CONMAT INC. 50852-67	STOCKTON 4 MI. N.	0 - 15.2 M.	103.92	12.09	88.3	51.5	37.0	0.85	0.93
LOUIE'S AGGREGATE CO. 50852-90	GILFORD 0.5 MI. W.	0 - 13.7 M. LEDGE	102.17	11.53	85.5	52.9	40.1	0.84	0.95
LOUIE'S AGGREGATE CO. 50852-17	NORA 3.5 MI. S.W.	0 - 10.7 M., S. FACE	97.89	11.42	86.3	46.7	34.1	0.97	1.04
JOHNSON									
SHAWNEE STONE 50872-02	CYPRESS 3 MI. S.	VARIOUS	94.14	1.68	85.3	44.8	29.2	1.07	1.10

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								1 YEAR	4 YEAR
S.I. STONE 50872-03	BUNCOMBE 2.5 MI. N.E.	VARIOUS LEDGES	78.97	1.99	69.9	29.4	20.4	1.70	1.64
KANE									
LAFARGE-CONCO 50892-01	NORTH AURORA	78.0 - 85.0 M.	101.05	5.43	95.6	57.6	41.2	0.80	0.89
LAFARGE 50892-02	S. ELGIN 2 MI. S.W.	LEVEL 1	101.82	11.84	69.4	33.9	23.6	1.22	1.22
KANKAKEE									
PRAIRIE MATERIALS 50912-06	MANTENO 2 MI. W.	LEDGE A. FINE LIME.	101.40	11.66	96.3	46.1	28.7	0.96	0.96
PRAIRIE MATERIALS 50912-06	MANTENO 2 MI. W.	LEDGE A. COARSE LIME.	103.70	11.87	92.4	41.4	25.6	1.01	0.99
VULCAN MATERIALS 50912-02	KANKAKEE	VARIOUS, REG. FINE LIME.	96.03	11.29	85.8	44.2	31.6	1.03	1.08
VULCAN MATERIALS 50912-04	MANTENO	VARIOUS	105.61	12.14	72.6	42.4	32.1	0.98	1.06
KENDALL									
VULCAN MATERIALS 50932-02	LISBON 2.5 MI. E.	VARIOUS LEDGES & LOCATIONS. FINE GRIND.	99.15	11.40	94.3	51.3	37.4	0.88	0.95
VULCAN MATERIALS 50932-02	LISBON 2.5 MI. E.	VARIOUS LEDGES & LOCATIONS. COARSE GRIND.	98.02	11.46	59.0	30.7	24.1	1.35	1.39
LASALLE									
LAFARGE @ UTICA 50992-02	UTICA 0.5 MI. S.	VARIOUS LEDGES & LOCATIONS. FINE,	78.09	9.10	99.2	68.5	53.0	0.89	1.05
LAFARGE @ UTICA 50992-02	UTICA 0.5 MI. S.	VARIOUS LEDGES & LOCATIONS. COARSE.	76.03	8.86	73.3	41.8	33.4	1.35	1.48
RIVERSTONE GROUP 50992-04	OGLESBY	VARIOUS LEDGES	94.35	3.57	87.3	49.6	34.7	0.98	1.04
RIVERSTONE GROUP 50992-01	TROY GROVE 1/4 MI. E.	VARIOUS LEDGES, EXTRA FINE LIME (HI-G).	98.18	11.31	99.4	98.2	97.9	0.48	0.70
RIVERSTONE GROUP 50992-01	TROY GROVE 1/4 MI. E.	VARIOUS LEDGES, FINE LIME.	99.70	11.50	86.3	41.4	29.8	1.03	1.06
LEE									
MACKLIN INC. 51032-39	STEWART 2.5 MI. S.W.	0.0 - 20.4 M. LEDGE	89.69	10.50	77.2	51.9	39.1	1.00	1.13
MARTIN & COMPANY 51032-47	DIXON S.W. EDGE	+6.1 - 21.3 M. LEDGE, WEST FACE.	100.07	11.52	76.4	49.2	36.6	0.94	1.04

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								1 YEAR	4 YEAR
RENNER QUARRIES 51032-04	AMBOY 1.5 MI. S.W.	0.0 - 19.8 M., W. LEDGE	104.55	11.60	76.4	43.2	27.0	1.03	1.05
RENNER QUARRIES 51032-76	ELDENA 2.5 MI. W.	12.2 - 23.2 M., MIDDLE LEDGE	97.96	11.99	89.6	54.3	33.6	0.92	0.96
LIVINGSTON									
PRAIRIE MATERIALS 51052-09	OCOYA		81.28	0.94	97.3	56.9	38.3	1.02	1.10
VALLEY VIEW IND. 51052-19	MCDOWELL	MILLED LIME.	91.83	1.22	97.9	69.4	50.6	0.77	0.89
VALLEY VIEW IND. 51052-19	MCDOWELL	BLENDED LIME	92.47	1.33	96.3	58.9	41.7	0.86	0.96
LOGAN									
MATERIAL SERVICE #10 51072-05	LINCOLN 4 MI. W.S.W.	COMBINED LEDGES	89.05	0.68	84.4	42.7	28.8	1.16	1.19
MADISON									
ALBY 51192-03	ALTON	LEDGE 7	93.70	2.32	87.1	38.9	24.4	1.18	1.15
BLUFF CITY MINERALS 51192-02	ALTON S.E. EDGE	LEVEL 1 - 2, 75.1' (22.9 M.)	90.38	0.83	79.0	39.0	26.7	1.22	1.24
HIGH CAL PELLET LIME 51192-04	ALTON S.E. EDGE	LEVEL 1 - 2, 75.1' (22.9 M.)	88.42	1.82	100.0	100.0	100.0	0.52	0.76
KIMATERIALS - LOHR QUARRY 51192-01	GODFREY 3.5 MI. N.W.	VARIOUS LEDGES.	91.34	5.18	83.0	45.0	30.4	1.10	1.14
MCDONOUGH									
CENTRAL STONE 51092-03	TENNESSEE	L1. AGLIME 002FA00.	88.75	1.96	91.6	53.0	35.2	1.00	1.06
MENARD									
MATERIAL SERVICE #17 51292-02	ATHENS 4 MI. N.	COMBINED LEDGES	92.01	0.52	86.8	39.5	25.0	1.19	1.17
MONROE									
COLUMBIA QUARRY 51632-01	COLUMBIA	LDG 6, COARSE AG LIME.	92.64	1.38	93.0	49.3	32.8	1.00	1.04
COLUMBIA QUARRY #9 51632-09	DUPO	LDG 7 & 8, COARSE	73.19	2.93	90.0	66.7	52.6	0.98	1.17

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								1 YEAR	4 YEAR
COLUMBIA QUARRY #7 51332-04	WATERLOO	LDG 1-3, COARSE	94.87	2.66	88.8	42.9	28.6	1.07	1.09

MONTGOMERY

MATERIAL SERVICE #12 51352-01	NOKOMIS 3 MI. N.	COMBINED LEDGES	93.03	0.73	88.0	42.6	27.3	1.12	1.12
MATERIAL SERVICE #58 51352-04	NOKOMIS 3 MI. N.W.	COMBINED LEDGES	93.48	0.75	100.0	99.6	97.1	0.50	0.72
NOKOMIS QUARRY 51352-03	NOKOMIS 4 MI. N.	COMBINED LEDGES, PEP LIME (FINE)	94.35	0.67	91.5	76.0	59.0	0.69	0.85
NOKOMIS QUARRY 51352-03	NOKOMIS 4 MI. N.	COMBINED LEDGES, COARSE AG LIME	95.95	0.73	70.3	29.4	18.8	1.43	1.35

OGLE

FISCHER EXCAVATING 51412-00	MONROE CENTER 2 MI. N.	0.0 - 12.2 M., N. FACE	101.43	11.63	75.2	40.7	29.1	1.06	1.11
MACKLIN INC. 51412-68	ROCHELLE 2 MI. E.	30.5 - 39.0 M., LOWER LEDGE	91.84	8.23	74.6	37.9	27.2	1.23	1.26
MARTIN & COMPANY 51412-34	OREGON 1 MI. N.E.	13.1 - 18.3 M. LEDGE, SHORT FACE	100.82	11.57	71.2	36.0	27.0	1.15	1.19
MARTIN & COMPANY 51412-47	OREGON 2 MI. N.W.	+1.0 - 16.8 M., MAIN LEDGE	97.66	11.20	66.2	33.1	24.7	1.28	1.30
ROGERS R-M & MATLS. 51412-32	BYRON N. EDGE	0.0 - 18.3 M., UPPER LEDGE	95.02	11.38	74.4	35.3	26.0	1.23	1.25
ROGERS R-M & MATLS. 51412-32	BYRON N. EDGE	15.2 - 27.0 M., LOWER LEDGE	93.52	11.05	79.2	34.8	23.7	1.27	1.25
STEVE BENESH & SONS 51412-72	OREGON 5 MI. N.	+2.1 - 15.2 M., EAST LEDGE (UPPER LEDGE)	88.74	10.05	90.0	63.8	56.7	0.79	0.99
WAGNER AGGREGATES 51412-92	MONROE CENTER 2.5 MI. E.	0 - 10.7 M.	102.85	12.88	76.7	45.4	35.3	0.94	1.04

PIKE

CENTRAL STONE 51492-41	BARRY 2 MI. W.	COMMON STOCKPILE	85.06	0.84	95.5	61.0	41.9	0.93	1.03
CENTRAL STONE 51492-04	FLORENCE 0.75 MI. N.	LEDGE 2	85.02	1.31	94.3	55.6	39.1	0.98	1.07
CENTRAL STONE 51492-04	FLORENCE 0.75 MI. N.	LEDGE 4	91.19	4.13	96.1	67.2	51.5	0.78	0.92

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								1 YEAR	4 YEAR
CENTRAL STONE 51492-04	FLORENCE 0.75 MI. N.	LEDGE 5	93.12	1.34	92.1	57.4	40.3	0.89	0.98
CENTRAL STONE 51492-05	KINDERHOOK 1 MI. E.	COMMON STOCKPILE	93.86	0.57	98.1	61.3	42.1	0.83	0.92
LACEY & BAUER 51492-03	PEARL 3 MI. W.	LEDGE 3	95.89	0.50	92.4	60.8	42.5	0.83	0.92
V.H. CALLENDER 51492-37	NEBO 4 MI. N.	COMBINED LEDGES	95.08	0.42	74.2	45.1	33.4	1.05	1.14
V.H. CALLENDER 51492-01	NEW HARTFORD 3 MI. S.W.	LEDGE 1	94.06	0.74	84.0	53.1	39.6	0.92	1.03
V.H. CALLENDER 51492-42	PERRY 2 MI. N.	LEDGE 5	95.85	0.83	75.3	40.1	28.2	1.14	1.18
V.H. CALLENDER 51492-02	VALLEY CITY 1.5 MI. S.W.	COMBINED LEDGES (E. PILE)	85.06	0.74	79.4	46.3	33.1	1.15	1.23
V.H. CALLENDER 51492-02	VALLEY CITY 1.5 MI. S.W.	COMBINED LEDGES (W. PILE)	82.32	1.41	82.1	50.5	37.9	1.10	1.22
RANDOLPH									
MARTIN MARIETTA AGGREGATE 51572-05	PRAIRIE DU ROCHER	FINE AG LIME	94.64	0.48	98.2	56.2	35.0	0.91	0.95
MARTIN MARIETTA AGGREGATE 51572-05	PRAIRIE DU ROCHER	COARSE AG LIME	96.79	0.62	69.4	33.0	21.7	1.32	1.29
ROCK ISLAND									
RIVERSTONE GROUP - ALLIED 51612-31	MILAN N.E.	AGLIME LEDGE 6-9, 25.3 - 77.1 M., SMALL PILE.	99.44	11.62	84.0	40.4	30.3	1.04	1.09
RIVERSTONE GROUP - ALLIED 51612-31	MILAN N.E.	AGLIME LEDGE 4-9, 19.2 - 77.1 M., MAIN PILE.	84.29	3.18	80.6	39.8	29.2	1.26	1.31
RIVERSTONE GROUP - MIDWAY 51612-23	OSBORN 1.5 MI. N.	LEDGES 4 & 5, 21.3 - 48.8 M.	96.74	11.46	85.5	36.4	20.3	1.23	1.15
SHELBY									
BRUSH CREEK QUARRY 51732-01	STEWARDSON 4.5 MI. W.	5.2 M. (17') FACE	43.15	1.07	56.4	26.3	19.2	3.47	3.37
ST. CLAIR									
CASPER STOLLE 51632-05	DUPO	LEDGE 11, 24' (7.4 M.)	92.12	5.04	89.9	53.9	35.5	0.96	1.02

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IL COUNTY PRODUCER NAME	CITY ADDRESS	STOCKPILE OR LEDGE LOCATION	% CCE	% MG	% PASS #8	% PASS #30	% PASS #60	CORRECTION FACTORS	
								1 YEAR	4 YEAR
FALLING SPRINGS 51632-03	FALLING SPRINGS	LEDGE 4 - 5, 65' (19.8 M.)	93.12	2.82	87.1	46.3	33.3	1.02	1.09
STEPHENSON									
CONMAT INC. 51772-28	FREEPORT 1 MI. E.	15.2 - 30.5 M., S. FACE	101.77	11.54	86.9	53.7	37.9	0.86	0.94
CONMAT INC. 51772-27	ORANGEVILLE 1.5 MI. S.E.	0 - 15.2 M.	103.93	12.21	83.6	51.5	34.1	0.89	0.95
DOC'S EXCAVATING INC. 51772-04	LENA 0.5 MI. N.E.	+3 - 15.2 M., W. FACE	102.73	11.95	86.5	52.2	38.0	0.86	0.94
FISCHER EXCAVATING INC. 51772-51	FREEPORT 4 MI. N.E.	0 - 9.1 M., W. TO N.W. FACE	99.26	11.43	86.2	58.2	45.2	0.81	0.93
LOBERG EXCAVATING INC. 51772-08	FREEPORT 2 MI. S.	0 - 9.1 M., E. FACE	103.18	11.98	82.7	47.5	34.4	0.92	0.99
UNION									
ANNA QUARRIES 51812-02	ANNA N.E. EDGE	VARIOUS LEDGES - FINE	89.84	2.33	97.1	49.3	32.7	1.02	1.05
ANNA QUARRIES 51812-02	ANNA N.E. EDGE	VARIOUS LEDGES	90.93	2.61	61.5	32.8	25.1	1.39	1.44
SHAWNEE STONE 51812-03	JONESBORO 5 MI. S.	VARIOUS	97.94	0.65	98.6	60.8	41.9	0.80	0.88
VERMILION									
ANDERSON'S INC. 51832-01	FAIRMOUNT 2 MI. S.	PELLETIZED, 3" MATERIAL, 15-18' FACE, FROM MATL. SERVICE @ FAIRMOUNT IL.	88.23	0.43	100.0	100.0	100.0	0.53	0.77
HANSON MATERIAL SERVICE 51832-01	FAIRMOUNT 2 MI. W.	15-18' LEDGE, BOTH N. & S. CUTS	93.79	0.46	99.2	59.2	37.3	0.88	0.93
WARREN									
MONMOUTH QUARRY 51872-02	MONMOUTH	KEOKUK/BURLINGTON LEDGES. AGLIME 002FA00.	98.80	3.02	88.8	55.7	38.9	0.86	0.95
RIVERSTONE - VALLEY QUARRY 51872-01	ST. AUGUSTINE	60' LEDGE. AGLIME 002FA00.	81.38	3.14	95.9	60.8	45.0	0.95	1.07
WHITESIDE									
ALLIANCE MATERIALS 51952-59	EMERSON 1 MI. S.E.	0.0 - 23.5 M., NORTH LEDGE	89.88	10.02	77.7	36.4	26.0	1.27	1.29

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IL 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 51952-03	STERLING 6 MI. N.	0.0 - 11.6 M., S.W. LEDGE	100.43	11.75	85.5	43.9	31.0	0.99	1.04
WILL									
LAFARGE JOLIET 51972-15	JOLIET	LEVEL 350 - 380' MINE	103.63	11.95	74.0	36.7	21.1	1.19	1.14
MATERIAL SERVICE 51972-02	ROMEOVILLE	WEST QUARRY, 132 TO 147	94.09	11.02	68.7	38.2	29.6	1.19	1.27
MINING INTERNATIONAL 51972-20	JOLIET	VARIOUS	101.01	11.67	72.0	40.4	27.8	1.10	1.14
VULCAN MATERIALS 51972-09	BOLINGBROOK	25' LEVEL 1	101.14	6.43	97.8	87.9	66.2	0.58	0.72
WINNEBAGO									
BLACKS QUARRY - N. IL. SERVICE 52012-80	SOUTH BELOIT 1 MI. S.	1.5 - 15.2 M.	100.90	11.80	85.4	53.4	37.6	0.87	0.96
GENESTRA QUARRY - N. IL. SERVICE 52012-73	ROSCOE 1 MI. S.E.	9.1 - 17.4 M.	104.26	12.79	82.1	50.4	33.4	0.90	0.96
IRENE QUARRY - ROCKFORD S & G 50072-01	PECATONICA 6 MI. E.	1.8 - 26.5 M.	103.54	13.04	85.2	48.4	34.8	0.90	0.97
MULFORD QUARRY - ROCKFORD S & G 52012-77	ROCKFORD 3 MI.S.E.	6.1 - 26.8 M.	102.05	12.02	87.2	52.2	39.8	0.85	0.95
PORTER QUARRY - ROCKFORD S & G 52012-91	PERRYVILLE E.	15.2 - 27.1 M.	103.91	12.33	89.1	55.1	39.1	0.82	0.90
ROCKTON ROCK QUARRY - SCHLICHTING & SONS 52012-02	SOUTH BELOIT 1 MI. S.	12.5 - 19.2 M.	102.85	12.32	94.5	59.6	38.5	0.80	0.86
ROGERS READY MIX & MATERIALS 52012-31	CHERRY VALLEY 2 MI. S.W.	0 - 56'	103.77	12.31	77.4	46.9	33.4	0.94	1.02
ROGERS READY MIX & MATERIALS 52012-31	CHERRY VALLEY 2 MI. S.W.	56 - 96'	104.12	12.42	75.2	42.3	27.4	1.04	1.07
ROSCOE ROCK & SAND 52012-71	PECATONICA 1 MI. E.	7.6 - 10.6 M.	97.44	11.35	88.0	46.4	30.9	1.00	1.04

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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	96.54	2.14	88.7	49.0	31.8	0.98	1.02
CAVE QUARRIES, INC. 77000-97	PAOLI 4 MI. W.	12.2 M. (40') FACE - LEDGES 17-22	96.19	2.79	98.2	57.9	40.4	0.84	0.92
MULZER CRUSHED STONE 52102-11	ENGLISH 3 MI. E.	10.1 M. (33') FACE - LEDGE 6A	88.70	2.87	93.0	47.1	31.2	1.07	1.11
NEWTON COUNTY STONE 52102-01	KENTLAND 3 MI. E.	VARIOUS, FINE GRIND.	92.87	10.86	99.7	70.7	48.8	0.76	0.87
NEWTON COUNTY STONE 52102-01	KENTLAND 3 MI. E.	VARIOUS, MILL LIME.	90.12	10.52	87.8	39.6	27.9	1.17	1.19
ROGERS GROUP - BLOOMINGTON CR. STONE 52102-07	BLOOMINGTON 5 MI. W.	COMBINED LEDGES (COARSE)	95.54	1.40	70.5	36.8	25.4	1.23	1.25
ROGERS GROUP - MITCHELL CRUSHED STONE 52102-04	MITCHELL 7 MI. W.	9.1 M. (30') FACE - LEDGES 6B & 7	95.86	2.04	90.3	52.8	37.3	0.91	0.99
ROGERS GROUP - OWEN VALLEY QUARRY 52102-31	SPENCER 1.25 MI. W.	0 - 30.8 M. (101') - LEDGES 1 & 2, FINE.	82.64	4.60	99.8	76.6	49.0	0.83	0.94
VULCAN MATERIALS 52102-23	FRANCESVILLE 2 MI. S.	LEDGE 8 & 9, STEDMAN	106.56	12.30	95.8	64.3	47.3	0.70	0.80
VULCAN MATERIALS 52102-23	FRANCESVILLE 2 MI. S.	LEDGE 8 & 9, ASC	107.14	12.31	95.7	43.4	23.7	0.98	0.93
VULCAN MATERIALS 52102-24	MONON 1 MI. S.	LEDGE 1 & 2, ASC LIME.	104.80	11.92	89.9	43.9	27.2	0.98	0.97
IOWA									
RIVERSTONE GROUP 52202-10	LECLAIRE N.	BED 24 TOP 20' BED 28	101.92	11.71	88.0	45.6	32.1	0.95	1.00
RIVERSTONE GROUP - MCCAUSLAND 52202-16	MCCAUSLAND 4 MI. W.	BED 17	101.91	11.58	78.5	47.3	39.2	0.90	1.03
RIVERSTONE GROUP - NEW LIBERTY 52202-91	NEW LIBERTY 3 MI. S.E.	BEDS 1 & 2	98.52	11.30	82.6	36.3	28.9	1.10	1.15
WENDLING QUARRIES - MOSCOW 52202-09	ATALISSA 3 MI. E.	BEDS 21A - 24, 39.6 - 51.8 M.	93.39	5.90	65.2	37.6	28.8	1.23	1.31

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								1 YEAR	4 YEAR
WENDLING - SHAFTON 52202-06	CAMANCHE 4 MI. S.	BED 17	105.00	12.02	77.7	46.7	34.8	0.92	1.00
MISSOURI									
BUSSEN @ ANTIRE 52302-65	EUREKA	ULTRA FINE LIME, VARIOUS LEDGES	98.88	5.71	99.9	99.6	95.0	0.48	0.68
CENTRAL STONE - FORT BELLE QUARRY 52302-53	FLORISSANT	VARIOUS	91.07	2.00	100.0	100.0	97.7	0.51	0.74
CENTRAL STONE 52302-04	HUNTINGTON	COMMON STOCKPILE	92.80	0.93	99.9	80.4	55.4	0.70	0.82
MARTIN MARIETTA AGGREGATE 52302-41	PERRYVILLE	LEDGE 3, FINE	94.52	2.23	100.0	98.8	89.5	0.52	0.72
MARTIN MARIETTA AGGREGATE 52302-41	PERRYVILLE	LEDGE 3, COARSE	95.68	1.83	96.9	40.9	23.7	1.11	1.06
MISSISSIPPI LIME CO. 52302-08	STE. GENEVIEVE	30 M. UNDERGROUND. FINE AG LIME SOIL CONDITIONER, CALCIUM CARBONATE.	98.28	0.18	98.3	97.1	96.6	0.49	0.70
MISSISSIPPI LIME CO. 52302-08	STE. GENEVIEVE	30 M. UNDERGROUND. FINE AG LIME SOIL CONDITIONER, CODE H.	130.03	0.23	99.8	96.2	70.4	0.42	0.53
MISSISSIPPI LIME CO. 52302-08	STE. GENEVIEVE	30 M. UNDERGROUND. FINE AG LIME SOIL CONDITIONER, CODE HA.	89.31	0.25	98.0	90.9	70.7	0.63	0.80
MISSISSIPPI LIME CO. 52302-08	STE. GENEVIEVE	30 M. UNDERGROUND. FINE AG LIME SOIL CONDITIONER, CODE L.	94.71	0.30	99.8	99.4	98.3	0.49	0.72
MISSISSIPPI LIME CO. 52302-08	STE. GENEVIEVE	30 M. UNDERGROUND. FINE AG LIME SOIL CONDITIONER, LIME HYDRATED.	126.81	0.28	100.0	99.9	99.8	0.37	0.53
MISSISSIPPI LIME CO. 52302-08	STE. GENEVIEVE	30 M. UNDERGROUND. FINE AG LIME SOIL CONDITIONER, R-0.	99.09	0.21	61.2	39.3	27.4	1.18	1.24
MISSISSIPPI LIME CO. 52302-08	STE. GENEVIEVE	30 M. UNDERGROUND. FINE AG LIME SOIL CONDITIONER, R-1.	99.29	0.28	100.0	74.3	26.6	0.84	0.79
MISSISSIPPI LIME CO. 52302-08	STE. GENEVIEVE	30 M. UNDERGROUND. FINE AG LIME SOIL CONDITIONER, R-2.	99.11	0.27	100.0	100.0	99.6	0.47	0.68
TOWER ROCK STONE 52302-39	STE. GENEVIEVE	VARIOUS LEDGES, COARSE AG LIME.	97.28	0.95	98.4	65.5	39.2	0.81	0.86
W.B. SMITH 52302-28	LOUISIANA S. EDGE	COMMON STOCKPILE	96.69	0.29	96.9	60.1	42.4	0.82	0.91

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								1 YEAR	4 YEAR
WISCONSIN									
FRANKLIN AGGREGATE 52402-99	FRANKLIN	LEVEL I & II	105.14	12.26	81.2	38.4	25.8	1.06	1.06
VULCAN MATERIALS 52402-95	FRANKLIN	WAUKESHA	91.75	10.53	50.0	24.9	19.6	1.70	1.68
VULCAN 52402-01	RACINE	UPPER WAUKESHA	98.72	11.16	68.6	33.0	24.0	1.26	1.27
VULCAN 52402-64	SUSSEX	0-100', WAUKESHA	101.92	11.82	66.6	34.3	26.4	1.18	1.23
WAUKESHA LIME 52402-05	WAUKESHA	COMBINED LEDGES 0 - 185'	104.88	12.09	100.0	100.0	99.9	0.44	0.64

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.

This publication is available in it's entirety on our website, <http://www.agr.state.il.us>.