

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)  $39.14 \times (\text{CCE}) .9363 = 36.65$  (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  
 $1.26 \times$  (ton-per-acre recommendation in your soil analysis) = ton-per-acre of Jones County Cr Stone to apply.

## LIMESTONE PROGRAM PRODUCER INFORMATION - 2005

COUNTY PRODUCER NAME	CITY ADDRESS	STOCKPILE OR LEDGE LOCATION	CCE	MG	PASS #8	PASS #30	PASS #60	CORRECTION FACTORS	
								1 YEAR	4 YEAR
<b>INDIANA</b>									
BLOOMINGTON CRUSHED STONE 52102-07	BLOOMINGTON 5 MI. W.	COMBINED LEDGES	95.39	0.98	98.6	84.3	62.5	0.64	0.78
CALCAR QUARRIES 52102-10	PAOLI 1.5 MI. E.	39.6M (130') FACE - LEDGES 3, 4, 5	97.87	2.85	82.1	36.8	25.0	1.16	1.15
HERITAGE SLAG PRODUCTS 52103-23	E. CHICAGO		73.57	6.19	60.5	19.5	11.3	2.46	2.09
HERITAGE SLAG PRODUCTS 52103-27	GARY		75.29	6.27	61.0	23.0	13.3	2.22	1.95
MITCHELL CRUSHED STONE 52102-04	MITCHELL 7 MI. W.	9.1M (30') FACE - LEDGES 6B & 7	96.02	1.13	85.4	47.5	33.8	0.99	1.05
MULZER CRUSHED STONE 52102-18	CAPE SANDY S. EDGE	29.3M (96') FACE - LEDGES 3,4,5, EAST PLANT	94.45	1.79	99.8	64.7	42.0	0.81	0.89
MULZER CRUSHED STONE 52102-18	CAPE SANDY S. EDGE	29.3M (96') FACE - LEDGES 3,4,5; WEST PLANT.	93.00	1.95	99.8	62.2	40.5	0.85	0.92
MULZER CRUSHED STONE 52102-11	ENGLISH 3 MI. E.	4.3M (14') FACE - LEDGE 101	95.77	0.88	90.7	47.6	32.6	0.98	1.03
MULZER CRUSHED STONE 77000-97	MT. VERNON 5 MI. S.W.	CHARLESTOWN QUARRY "MAG" STOCKPILE	97.53	10.18	82.7	43.7	33.8	1.00	1.08
MULZER CRUSHED STONE 52102-14	TOWER 3 MI. S.	5.8M (19') FACE - LEDGE 4, 6.7M (22') FACE - UPPER LEDGE 7	92.06	0.88	86.8	43.7	27.1	1.13	1.13
NEWTON COUNTY STONE 52102-01	KENTLAND	0-50' AREA 8, 50-100' AREA 7, REGULAR GRIND	102.11	11.91	95.8	51.7	36.4	0.86	0.92
NEWTON COUNTY STONE 52102-01	KENTLAND	50-100' AREA 7, 0-50' AREA 8, FINE GRIND	101.33	11.83	99.7	67.8	48.5	0.71	0.81
OWEN VALLEY QUARRY 52102-31	SPENCER 1.25 MI. W.	COMBINED LEDGES	82.15	2.82	84.4	43.8	33.6	1.19	1.28
VULCAN MATERIALS 52102-23	FRANCESVILLE 2 MI. S., 1/2 MI. E.	LEDGE 8, GRID AA, AB, AC, AD, -32	106.48	12.36	98.8	72.8	51.8	0.64	0.75
VULCAN MATERIALS 52102-24	MONON 1 MI. S.	LEDGE 1 & 2, GRID TUV - 29,30,31	105.80	12.33	95.2	45.9	22.3	0.99	0.93
<b>IOWA</b>									
LINWOOD MINING & MINERAL CORP. 52202-08	LINWOOD	OTIS FORMATION: BEDS 27-30, 1200E- 1300E & 7500N-7600N	96.88	0.49	91.7	44.3	29.8	1.02	1.04
LINWOOD MINING & MINERAL CORP. 52202-08	LINWOOD	DAVENPORT FORMATION: BEDS 20-25, 4000N-4100N & 8500E-8600E	94.23	0.14	95.2	56.9	39.7	0.88	0.96
RIVERSTONE GROUP 52202-10	LECLAIRE	LEDGE 4 (S. OF FAULT), BEDS 14-25B, LEDGE 5 (N. OF FAULT) BEDS 25B-28	101.31	11.78	87.0	53.1	42.8	0.83	0.95
RIVERSTONE GROUP 52202-16	MCCAUSLAND	LEDGE 3, 27.4-45.7M, 60' FACE	103.11	11.62	80.5	46.9	37.4	0.90	1.01

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								1 YEAR	4 YEAR
WENDLING QUARRY 52202-06	CAMANCHE	BEDS 3-15, WEST FACE, 44' FACE	102.19	11.59	64.8	27.2	18.8	1.41	1.34
WENDLING QUARRY 52202-09	MOSCOW	BEDS 8-17, EAST FACE, 54' FACE	93.03	3.03	85.5	48.3	34.5	1.01	1.08
<b>KENTUCKY</b>									
FREDONIA VALLEY QUARRY 52502-02	FREDONIA 3 MI. S.		95.64	0.82	96.9	71.5	49.1	0.74	0.85
<b>MISSOURI</b>									
BUSSEN QUARRY 52302-65	EUREKA 4 MI. E.	ULTRA FINE LIME, LEDGES 11-21 (148')	99.55	5.20	99.6	99.5	95.5	0.48	0.68
BUSSEN QUARRY 52302-65	EUREKA 4 MI. E.	REGULAR LIME, LEDGES 15-21 (105')	96.66	3.62	92.2	53.0	40.9	0.87	0.97
BUSSEN QUARRY 52302-07	KOCH STATION	LEDGES 16-21 (60')	91.40	2.89	84.6	44.9	31.3	1.08	1.13
CENTRAL STONE 52302-53	FLORISSANT	3-9, 94' (28.7 M)	88.76	2.98	99.9	99.7	97.1	0.53	0.76
CENTRAL STONE 52302-04	HUNTINGTON	STOCK	92.68	0.25	96.1	67.9	46.7	0.79	0.90
CENTRAL STONE 52302-46	TAYLOR N. EDGE	COMMON STOCK	91.11	0.82	90.8	52.6	34.9	0.98	1.04
MARTIN MARIETTA AGGREGATES 52302-41	PERRYVILLE 6 MI. N.	9.4M LEDGE #2 STOCKPILE #2, FINE LIME	94.86	2.13	100.0	99.1	92.3	0.51	0.72
MARTIN MARIETTA AGGREGATES 52302-41	PERRYVILLE 6 MI. N.	9.4M LEDGE #2 STOCKPILE #1, REGULAR LIME (COARSE LIME)	96.47	1.70	75.2	32.2	20.6	1.33	1.27
MISSISSIPPI LIME CO. 52302-08	STE GENEVIEVE	PEERLESS MINE 30M THICKNESS, LIME HYDRATED - SOIL CONDITIONER & STABILIZER.	132.43	0.30	97.4	80.2	69.7	0.45	0.58
MISSISSIPPI LIME CO. 52302-08	STE GENEVIEVE	PEERLESS MINE 30M THICKNESS, CODE "H" LIME - SOIL CONDITIONER & STABILIZER.	131.64	0.22	99.9	95.5	70.0	0.42	0.53
MISSISSIPPI LIME CO. 52302-08	STE GENEVIEVE	PEERLESS MINE 30M THICKNESS, CODE "L" LIME - SOIL CONDITIONER & STABILIZER.	108.59	0.29	98.5	92.8	80.3	0.49	0.65
MISSISSIPPI LIME CO. 52302-08	STE GENEVIEVE	PEERLESS MINE 30M THICKNESS, CODE "HA" LIME - SOIL CONDITIONER.	90.38	0.19	96.1	80.6	64.7	0.68	0.85
MISSISSIPPI LIME CO. 52302-08	STE GENEVIEVE	PEERLESS MINE 30M THICKNESS, R-2 LIMESTONE SOIL CONDITIONER (ULTRA FINE - 150 x 0 MESH)	99.78	0.16	100.0	100.0	99.6	0.47	0.68

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								1 YEAR	4 YEAR
MISSISSIPPI LIME CO. 52302-08	STE GENEVIEVE	PEERLESS MINE 30M THICKNESS, R-O LIMESTONE SOIL CONDITIONER (-3/8" MINUS - COARSE)	99.92	0.15	66.6	44.2	28.1	1.10	1.14
MISSISSIPPI LIME CO. 52302-08	STE GENEVIEVE	PEERLESS MINE 30M THICKNESS, CALCIUM CARBONATE PRECIPITATED - SOIL CONDITIONER.	98.75	0.18	95.7	84.6	76.4	0.57	0.76
MISSISSIPPI LIME CO. 52302-08	STE GENEVIEVE	PEERLESS MINE 30M THICKNESS, R-1 LIMESTONE SOIL CONDITIONER (FINE - 16 x 150 MESH)	99.54	0.26	100.0	73.7	24.8	0.85	0.79
<b>WISCONSIN</b>									
LITTLE LIMESTONE 52402-96	CLINTON 1 MI. N	0-12.2M	102.54	12.13	93.6	73.8	63.8	0.62	0.79
WAUKESHA LIME 52402-05	WAUKESHA	COMBINED LEDGES 0-185 FT.	98.25	11.64	100.0	100.0	99.9	0.47	0.69
<b>ADAMS</b>									
CENTRAL STONE 50012-04	LORAIN 2 MI. S.	COMMON STOCK	76.09	2.83	81.0	48.4	36.7	1.22	1.35
CENTRAL STONE 50012-33	MARBLEHEAD N.E. EDGE	0-9.1M, LEDGE 1	97.88	1.03	88.8	52.2	36.6	0.91	0.98
CENTRAL STONE 50012-06	QUINCY 5 MI. E.	VARIOUS LEDGES	92.40	1.47	89.7	57.7	42.9	0.88	0.99
<b>BOONE</b>									
CHARLES LEE & SON 50072-02	IRENE 1 MI. S	0-26.2M, SE1/4 S32- T43N-R3E	102.55	12.44	81.7	41.6	28.4	1.03	1.06
ROCKFORD SAND & GRAVEL 50072-01	BELVIDERE 3 MI. SW	1.5-26.8M, NW1/4 S9- T43N-R3E	103.84	12.52	95.8	56.1	40.2	0.79	0.87
SCHLICHTING & SONS 50072-15	BELVIDERE 4 MI. W	TOP 38.4M, NW1/4 S19-T44N-R3E	103.92	12.37	87.5	47.5	30.1	0.94	0.96
<b>CALHOUN</b>									
CALHOUN QUARRY 50832-03	HARDIN E.	LEDGE 1 & 2, 90' (27.4 M)	95.22	2.09	98.5	59.5	41.6	0.83	0.92
<b>CARROLL</b>									
EAGLE CREEK QUARRY 50152-53	MILLEDGEVILLE 1.5 MI. NE	-2.7M-11M	104.03	11.72	78.4	46.9	34.0	0.93	1.01
LOBERG EXCAVATING 50152-78	LANARK 3 MI. N.	0-16.8M, S. FACE	97.20	11.42	85.8	51.2	38.2	0.91	1.01
NELSON QUARRY PROD. 50152-71	LANARK 1 MI. N.W.	10.7-15.2M, N. FACE	103.42	12.61	80.9	51.8	37.2	0.87	0.96

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								1 YEAR	4 YEAR
WENDLING QUARRIES 50152-71	MT. CARROLL 2 MI. W	0-18.0M	100.08	11.88	74.3	38.5	27.4	1.12	1.15
<b>CHRISTIAN</b>									
PANA LIMESTONE 50212-04	PANA	COMBINED LEDGES	93.98	0.49	96.0	52.1	34.6	0.94	0.99
<b>CLARK</b>									
CASEY STONE 50232-06	CASEY 2.5 MI. S.	25' FACE	89.08	0.75	88.9	44.1	28.3	1.14	1.15
QUALITY LIME 50232-05	MARSHALL 2 MI. E.	10' LEDGE, SOUTH PIT BOTTOM	91.66	0.68	96.8	44.3	28.0	1.08	1.08
VULCAN MATERIALS 50232-02	CASEY 2 MI. SE	WEST FACE, 25'	90.69	0.51	87.3	37.4	24.7	1.23	1.21
<b>COLES</b>									
CHARLESTON STONE 50292-02	CHARLESTON 2.5 MI. NE	EAST, TOP LEDGE, 10' STANDARD	85.36	0.41	99.8	45.6	29.4	1.12	1.13
CHARLESTON STONE 50292-02	CHARLESTON 2.5 MI. NE	EAST, TOP LEDGE, 10'	81.63	0.49	100.0	92.3	62.3	0.72	0.86
<b>COOK</b>									
MATERIAL SERVICE 50312-02	LAGRANGE	LEVEL 4, 44' FACE	74.03	8.64	82.0	45.0	35.3	1.29	1.42
MATERIAL SERVICE 50312-04	THORNTON	NORTH OF TOLLWAY, 0-347 FT.	98.41	11.98	76.1	36.4	25.5	1.17	1.19
VULCAN MATERIALS 50312-78	MCCOOK	VARIOUS LOCATIONS, CHIP PLANT	96.96	11.23	64.4	30.9	22.8	1.35	1.36
VULCAN MATERIALS 50312-78	MCCOOK	VARIOUS LOCATIONS, MAIN PLANT	97.60	11.49	74.9	36.6	26.1	1.18	1.20
<b>DEKALB</b>									
E. LARSON INC. 50372-02	CORTLAND 2.5 MI. NE	36.6M, NE1/4 S15- T40N-R5E	104.11	12.51	72.0	37.4	25.6	1.12	1.13
VULCAN MATERIALS 50372-01	SYCAMORE 3 MI. N.	TOP 64.6M, NE1/4 S12- T41N-R4E	103.78	12.13	64.5	28.7	20.0	1.34	1.30
<b>DOUGLAS</b>									
TUSCOLA STONE 50412-01	TUSCOLA 1.5 MI. E	VARIOUS LEDGES	105.14	12.24	92.8	39.4	21.1	1.07	1.00
TUSCOLA STONE 50412-01	TUSCOLA 1.5 MI. E	VARIOUS LEDGES - RECLAIMED MATERIAL	102.36	11.83	98.8	84.6	69.6	0.57	0.72

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								1 YEAR	4 YEAR
<b>GREENE</b>									
KIMATERIALS 50612-02	KANE	VARIOUS LEDGES	97.27	2.22	86.1	47.6	31.3	1.00	1.04
<b>GRUNDY</b>									
AUX SABLE STONE 50632-01	MORRIS 3.5 MI. E.	VARIOUS LOCATIONS, COARSE GRIND	97.96	3.96	74.8	43.1	31.8	1.05	1.13
AUX SABLE STONE 50632-01	MORRIS 3.5 MI. E.	VARIOUS LOCATIONS, FINE GRIND	87.83	3.24	98.1	68.7	51.6	0.80	0.93
<b>HANCOCK</b>									
CENTRAL STONE 50672-01	CARTHAGE 4.5 MI. E.	VARIOUS LEDGES	80.03	2.51	94.1	59.1	43.2	0.99	1.11
GRAY QUARRIES 50672-03	HAMILTON W. EDGE	COMMON STOCKPILE	77.83	2.88	79.9	51.1	37.6	1.17	1.29
GRAY QUARRIES 50672-03	HAMILTON W. EDGE	48.8-54.9M, LEDGE 5	93.66	1.49	99.7	63.9	45.2	0.80	0.90
R.L. O'NEAL 50672-04	PLYMOUTH 3 MI. N.W.	COMMON STOCKPILE	79.13	1.19	85.3	48.8	34.7	1.18	1.27
<b>HARDIN</b>									
FLORIDA ROCK INDUSTRIES 50692-14	GOLCONDA 10 MI. N.E.	VARIOUS LEDGES	89.24	1.51	69.6	33.7	22.8	1.41	1.39
HASTIE MINING 50692-04	CAVE-IN-ROCK	0-115' BELOW ROSICLARE	92.57	0.35	84.1	48.1	30.6	1.06	1.09
MARTIN MARIETTA AGGREGATES 50692-12	CAVE-IN-ROCK 1.8 MI. E.		92.65	3.40	70.2	35.0	24.6	1.31	1.32
MARTIN MARIETTA AGGREGATES 50692-09	ROSICLARE 6 MI. N.E.		94.68	4.11	64.9	32.2	23.9	1.35	1.37
<b>HENDERSON</b>									
CESSFORD CONSTRUCTION 50712-03	BIGGSVILLE 1 MI. W.	KEOKUK & CEDAR FORK, 42' FACE, AGLIME	94.35	3.93	90.9	60.0	45.5	0.83	0.95
CESSFORD CONSTRUCTION 50712-02	DALLAS CITY 0.5 MI. N.	KEOKUK & BURLINGTON (FULL FACE), 120' FACE, AGLIME	77.65	2.95	86.5	54.7	42.2	1.08	1.22
<b>HENRY</b>									
RIVERSTONE GROUP 50732-12	CLEVELAND E.	LEDGE 5, 30' FACE, 50.3-59.4M	101.66	11.63	86.8	44.1	27.6	1.01	1.02
<b>IROQUOIS</b>									
PRAIRIE MATERIALS 50752-01	ASHKUM W	A LEDGE, 0-52', GRID N-6	91.21	2.83	84.8	40.8	29.8	1.13	1.18

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								1 YEAR	4 YEAR
<b>JACKSON</b>									
KINKAID STONE CO. 50772-02	AVA 5 MI. S.W.	VARIOUS LEDGES	89.30	1.57	67.0	27.9	19.7	1.56	1.50
<b>JERSEY</b>									
KIMATERIALS 50832-02	FIELDON S.	LEDGE 2, 30' (9.1 M)	94.63	2.77	83.3	46.5	33.0	1.02	1.09
<b>JO DAVIESS</b>									
CONMAT INC. 50852-61	ELIZABETH 1 MI. W	0-21.3M	103.59	12.25	83.5	54.5	41.1	0.82	0.93
CONMAT INC. 50852-29	GALENA 3 MI. NW	0-15.2M, N. FACE	101.15	11.73	95.0	68.0	52.4	0.70	0.82
CONMAT INC. 50852-06	GALENA 1 MI. S	18.3-30.5M, S FACE	93.94	7.20	87.4	50.0	36.8	0.96	1.05
CONMAT INC. 50852-18	SCALES MOUND 1.5 MI. S	0-12.2M, N. FACE	96.66	11.54	81.9	43.2	31.7	1.04	1.10
CONMAT INC. 50852-66	SCHAPVILLE 1 MI. E.	-3M-15.2M	102.14	11.89	99.2	64.5	46.0	0.73	0.82
CONMAT INC. 50852-67	STOCKTON 4 MI. N	0-15.2M, N. FACE	102.94	12.38	87.7	53.7	39.5	0.83	0.93
CONMAT, INC. 50852-92	HANOVER 3 MI. SE	+1.5M-12.2M	96.90	11.07	99.4	64.3	44.7	0.78	0.87
<b>JOHNSON</b>									
SOUTHERN ILL. STONE CO. 50872-03	BUNCOMBE 2.5 MI. N.E.	VARIOUS	85.83	1.25	67.1	32.4	23.1	1.49	1.49
VULCAN MATERIALS 50872-02	CYPRESS 3 MI. S.		92.90	1.38	75.1	38.7	25.4	1.23	1.24
<b>KANE</b>									
CONCO WESTERN 50892-01	NORTH AURORA	VARIOUS LOCATIONS - MINE (FINE GRIND)	99.83	4.86	99.3	62.1	41.2	0.79	0.86
CONCO WESTERN 50892-01	NORTH AURORA	VARIOUS LOCATIONS - MINE (COARSE GRIND)	99.51	4.73	76.3	40.7	31.5	1.05	1.13
FOX RIVER STONE 50892-02	S. ELGIN 2 MI. S.W.	N. CELL, 40' BENCH	96.91	11.14	76.3	39.6	29.2	1.11	1.17
<b>KANKAKEE</b>									
VULCAN 50912-04	BRADLEY 2 MI. N.	VARIOUS - STOCKPILE N. OF SCALEHOUSE	105.25	12.67	71.3	37.7	27.3	1.08	1.12
VULCAN 50912-02	KANKAKEE	VARIOUS	94.91	11.43	78.3	39.6	30.0	1.12	1.18

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<b>KENDALL</b>									
CENTRAL LIMESTONE 50932-01	LISBON 2.5 MI. E.	VARIOUS	101.11	9.43	97.9	75.3	57.5	0.65	0.78
VALLEY RUN STONE 50932-02	LISBON 2.5 MI. E.	VARIOUS LEDGES & LOCATIONS, COARSE GRIND	98.28	11.66	74.0	39.1	30.3	1.10	1.17
VALLEY RUN STONE 50932-02	LISBON 2.5 MI. E.	VARIOUS LEDGES & LOCATIONS, FINE GRIND	99.90	11.41	91.2	48.2	35.7	0.91	0.98
<b>LASALLE</b>									
RIVERSTONE GROUP INC. 50992-04	LOWELL 1/2 MI. N.	VARIOUS LEDGES - AGLIME	95.63	2.82	90.4	51.4	35.9	0.93	1.00
RIVERSTONE GROUP INC. 50992-01	TROY GROVE 1/4 MI. E	VARIOUS LEDGES - FINE LIME	97.62	11.17	89.0	54.2	44.9	0.83	0.97
RIVERSTONE GROUP INC. 50992-01	TROY GROVE 1/4 MI. E.	VARIOUS LEDGES - EXTRA FINE (HI-G)	96.12	11.24	99.7	99.2	99.0	0.49	0.71
UTICA STONE 50992-02	UTICA 0.5 MI. S.	0-36', COARSE GRIND	78.54	9.27	80.1	44.1	31.4	1.28	1.36
UTICA STONE 50992-02	UTICA 0.5 MI. S.	0-36', FINE GRIND, 2004 STOCKPILE.	79.15	9.60	99.1	69.0	53.1	0.87	1.03
WESTERN SAND & GRAVEL 50992-05	TROY GROVE 3 MI. E.	FINE GRIND	77.55	9.02	99.9	99.5	94.6	0.62	0.87
WESTERN SAND & GRAVEL 50992-05	TROY GROVE 3 MI. E.	0-115', COARSE GRIND	88.57	10.34	86.9	42.2	31.8	1.12	1.19
<b>LEE</b>									
BOB PROPHETER AGGREGATE 51032-73	DIXON 6 MI. W.	4.6-19.8M, E. FACE	102.64	11.82	70.8	33.6	24.0	1.20	1.20
MACKLIN INC. 51032-39	STEWARD 2.5 MI. S.W.	0-20.4M, E. FACE	91.13	10.69	89.2	55.9	39.8	0.92	1.02
PRAIRIE MATERIALS 51032-80	DIXON 0.5 MI. N.E.	3.7-11M	93.25	4.55	74.8	36.5	27.5	1.21	1.26
PRAIRIE MATERIALS 51032-80	DIXON	BY-PRODUCT OF CEMENT PRODUCTION	67.36	1.38	61.2	42.8	36.5	1.52	1.76
RENNER QUARRIES 51032-04	AMBOY 1.5 MI. S.W.	0-19.8M, N. FACE	104.50	12.01	83.7	55.4	36.8	0.84	0.92
RENNER QUARRIES 51032-76	ELDENA 2.5 MI. W.	0-12.2M, E. FACE (UPPER LEVEL)	102.74	11.81	93.0	63.6	42.6	0.76	0.84
RENNER QUARRIES 50132-76	ELDENA 2.5 MI. W.	23.2-32.9M, LOWER LEVEL	100.99	11.33	75.1	36.0	24.8	1.16	1.17
<b>LIVINGSTON</b>									
PRAIRIE MATERIALS 51052-15	FAIRBURY 5 MI. N.W.		91.88	1.21	80.9	41.3	28.1	1.16	1.19
PRAIRIE MATERIALS 51052-09	OCOYA 3 MI. E.		89.40	1.06	89.2	44.4	30.3	1.11	1.14



**LIMESTONE PROGRAM PRODUCER INFORMATION - 2005**

COUNTY PRODUCER NAME	CITY ADDRESS	STOCKPILE OR LEDGE LOCATION	CCE	MG	PASS #8	PASS #30	PASS #60	CORRECTION FACTORS	
								1 YEAR	4 YEAR
VALLEY VIEW INDUSTRIES 51052-19	FAIRBURY	MILLED LIME	94.69	0.45	93.4	58.7	41.2	0.86	0.95
VALLEY VIEW INDUSTRIES 51052-19	FAIRBURY	BLENDED LIME	95.03	0.55	95.9	57.0	39.5	0.87	0.95
<b>LOGAN</b>									
MATERIAL SERVICE 51072-05	LINCOLN 4 MI. W.S.W.	COMBINED LEDGES	89.71	0.97	82.	39.9	27.3	1.20	1.22
<b>MADISON</b>									
ALBY QUARRY 51192-03	ALTON	LEDGE 3, 26'	95.99	9.13	82.6	45.5	34.0	1.01	1.09
BLUFF CITY QUARRY 51192-02	ALTON	LEVEL 1 & 2, 75.1' (22.9M)	92.86	2.19	79.4	40.9	29.7	1.13	1.19
HIGH CAL PELLET LIME 51192-04	ALTON	LEVEL 1 & 2, 75.1' (22.9 M)	90.26	1.86	100.0	99.4	96.2	0.52	0.75
KIMATERIALS 51192-01	GODFREY	LEDGE 1-5, 52' (15.9 M)	89.47	7.49	90.0	54.6	42.3	0.92	1.05
<b>MCDONOUGH</b>									
CENTRAL STONE 51092-03	TENNESSEE 3.5 MI. S.	70' LEDGE, 22N 49.5W, AGLIME	76.46	1.04	85.4	51.0	37.4	1.17	1.29
MCCLURE QUARRIES 51092-02	TENNESSEE 1.5 MI. N.	N.W. FACE (ZONE A), 30' FACE, AGLIME	78.71	4.18	84.2	43.0	31.8	1.27	1.34
<b>MENARD</b>									
MATERIAL SERVICE 51292-02	ATHENS 4 MI. N.	COMBINED LEDGES	90.71	0.70	89.8	47.2	32.8	1.04	1.10
<b>MONROE</b>									
COLUMBIA QUARRY 51332-04	WATERLOO 3 MI. S.	80' (24.4M - LEDGE 1- 3)	95.60	2.59	93.5	50.8	35.2	0.93	0.99
<b>MONTGOMERY</b>									
MATERIAL SERVICE 51352-04	NOKOMIS 3 MI. N.	COMBINED LEDGES	93.27	0.56	100.0	99.9	95.9	0.51	0.72
MATERIAL SERVICE 51352-01	NOKOMIS 3 MI. N.	COMBINED LEDGES	92.26	0.40	87.3	42.6	26.8	1.13	1.13
NOKOMIS QUARRY 51352-03	NOKOMIS 4 MI. N.	COMBINED LEDGES, PEP LIME (FINE LIME)	95.02	0.64	99.6	60.3	37.6	0.86	0.91
NOKOMIS QUARRY 51352-03	NOKOMIS 4 MI. N.	COMBINED LEDGES, AGG. LIME	95.01	0.72	83.3	38.4	24.7	1.18	1.16
<b>OGLE</b>									
BENESH QUARRY 51412-72	OREGON 5 MI. N.	+2.1-15.2M, E. FACE	89.94	10.21	82.7	52.0	44.4	0.93	1.10

## LIMESTONE PROGRAM PRODUCER INFORMATION - 2005

COUNTY PRODUCER NAME	CITY ADDRESS	STOCKPILE OR LEDGE LOCATION	CCE	MG	PASS #8	PASS #30	PASS #60	CORRECTION FACTORS	
								1 YEAR	4 YEAR
MACKLIN INC. 51412-68	ROCHELLE 2 MI. E.	0-30.5M, S. FACE	98.23	11.42	80.3	38.3	27.6	1.11	1.14
ROGERS R-M & MATERIALS 51412-32	BYRON N.	0-18.3M, S. FACE, UPPER LEDGE	97.24	11.25	80.6	41.7	31.6	1.05	1.12
SHEELY AGGREGATES 51412-08	MT. MORRIS 5 MI. S.	0-10.1M, E. FACE	103.17	11.98	81.8	48.0	32.6	0.94	0.99
<b>PIKE</b>									
CENTRAL STONE 51492-41	BARRY 2 MI. W.	COMMON STOCK	86.67	0.78	94.5	59.7	42.9	0.91	1.02
CENTRAL STONE 51492-43	CHAMBERSBURG 0.5 MI. S.	VARIOUS	82.84	0.92	88.8	50.6	33.9	1.11	1.17
CENTRAL STONE 51492-04	FLORENCE 0.75 MI. N.	LEDGE 6	95.55	3.26	98.1	64.5	46.3	0.78	0.88
CENTRAL STONE 51492-04	FLORENCE 0.75 MI. N.	LEDGE 5	92.80	1.62	97.2	62.5	44.7	0.82	0.93
CENTRAL STONE 51492-04	FLORENCE 0.75 MI. N.	LEDGE 2	84.05	0.64	88.7	52.2	35.7	1.06	1.14
CENTRAL STONE 51492-05	KINDERHOOK 1 MI. E.	COMMON STOCK	93.45	0.59	98.3	64.3	45.8	0.80	0.90
LACEY & BAUER 51492-03	PEARL 3 MI. W.	LEDGE #3	98.38	0.30	90.8	50.8	32.3	0.94	0.98
V.H. CALLENDER 51492-37	NEBO 4 MI. N.	COMBINED LEDGES	97.09	0.24	73.2	41.5	29.1	1.11	1.16
V.H. CALLENDER 51492-01	NEW HARTFORD 3 MI. S.W.	COMBINED LEDGES	84.54	1.29	85.1	52.4	38.8	1.04	1.15
V.H. CALLENDER 51492-42	PERRY 2 MI. N.	COMBINED LEDGES	88.31	1.15	81.0	51.0	38.2	1.02	1.13
V.H. CALLENDER 51492-02	VALLEY CITY 1.5 MI. S.W.	COMBINED LEDGES	94.73	1.52	86.6	51.2	36.0	0.95	1.03
<b>RANDOLPH</b>									
MARTIN MARIETTA AGGREGATES 51572-05	PRAIRIE DU ROCHER	12.2 M LEDGE NO. 1 STOCKPILE #1, REGULAR AG LIME (COARSE LIME)	97.92	0.28	82.4	42.3	26.6	1.09	1.09
MARTIN MARIETTA AGGREGATES 51572-05	PRAIRIE DU ROCHER	12.2 M. LEDGE NO. 1 STOCKPILE #2, FINE AG LIME.	98.14	0.20	99.1	65.8	41.1	0.79	0.85
<b>ROCK ISLAND</b>									
RIVERSTONE GROUP 51612-31	MILAN	OTIS/RACINE - LEDGE 4 & 5, 19.2-25.3M, 40' FACE	105.50	12.42	77.2	27.5	10.7	1.46	1.20
RIVERSTONE GROUP 51612-31	MILAN	DOLOMITE, LEDGE 8, 52.7-64.9M, 40' FACE	104.69	12.45	67.8	13.9	2.2	2.17	1.50
RIVERSTONE GROUP 51612-23	OSBORN 1.5 MI. N.	LEDGE 1 & 2, 0-9.1M, 40' FACE	90.49	10.73	99.1	75.7	60.3	0.70	0.86

**LIMESTONE PROGRAM PRODUCER INFORMATION - 2005**

COUNTY PRODUCER NAME	CITY ADDRESS	STOCKPILE OR LEDGE LOCATION	CCE	MG	PASS #8	PASS #30	PASS #60	CORRECTION FACTORS	
								1 YEAR	4 YEAR
<b>SCOTT</b>									
V.H. CALLENDER 51712-01	GLASGOW 3 MI. S.W.	COMBINED LEDGES	95.22	1.14	72.5	37.5	27.2	1.20	1.24
<b>ST. CLAIR</b>									
CASPER STOLLE 51632-05	DUPO 1 MI. NE.	LEDGES 10 AND 11, 49 FT.	92.01	3.60	87.0	43.2	26.8	1.13	1.13
COLUMBIA QUARRY 51632-01	COLUMBIA 2.5 MI. N.E.	12.2 M LEDGE #6 (QUARRY LDG #3)	94.74	1.05	84.9	41.4	26.4	1.13	1.13
COLUMBIA QUARRY 51632-09	DUPO 0.5 MI. S.E.	10.4 M LDG 1A & 2	95.51	1.38	87.5	40.8	25.2	1.13	1.11
FALLING SPRINGS 51632-03	FALLING SPRINGS	LEDGE 1B, 110 FT.	95.23	1.67	95.2	47.8	32.2	0.98	1.01
<b>STEPHENSON</b>									
CONMAT INC. 51772-28	FREEPORT 1 MI. E.	15.2-30.5M	102.59	11.98	82.3	51.5	36.0	0.89	0.97
CONMAT INC. 51772-27	ORANGEVILLE 1.5 MI. SE	0-15.2M, N. FACE	103.96	12.52	86.5	55.5	37.4	0.84	0.91
CONMAT INC. 51772-83	PEARL CITY 3 MI. W.	0-15.2M	99.91	11.79	85.2	42.3	29.3	1.03	1.06
LOBERG EXCAVATING 51772-08	FREEPORT 2 MI. S.	0-9.1M, S. FACE	103.30	12.30	86.2	52.7	36.8	0.86	0.94
R.E. COX 51772-04	LENA 0.5 MI. NE	0-15.2M, N. FACE	103.69	12.13	90.2	60.2	43.8	0.76	0.87
<b>UNION</b>									
ANNA QUARRIES 51812-02	ANNA N.E. EDGE	VARIOUS - FA21 TYPE GRADATION	88.95	3.03	78.6	44.1	31.6	1.14	1.21
ANNA QUARRIES 51812-02	ANNA N.E. EDGE	VARIOUS, FINE GRADATION AFTER PRODUCING FA06	90.36	3.58	99.8	64.4	42.0	0.85	0.93
VULCAN MATERIALS 51812-03	JONESBORO 5 MI. S.	VARIOUS	94.72	0.25	96.4	68.7	50.1	0.75	0.87
<b>VERMILION</b>									
ALLERTON SUPPLY CO. 51832-01	FAIRMOUNT 2 MI. W.	PELLETIZED 3" MATERIAL, 16' FACE, FROM MATERIAL SERVICE @ FAIRMOUNT	89.94	0.35	100.0	100.0	100.0	0.52	0.75
MATERIAL SERVICE 51832-01	FAIRMOUNT 2 MI. W	15-18' LEDGE, NORTH CUT 1135-A, SOUTH CUT 1141-B	95.19	0.34	90.0	43.5	26.9	1.08	1.08
<b>WARREN</b>									
RIVERSTONE GROUP 51872-01	ST. AUGUSTINE 2 MI. N.W.	59' LEDGE, 22S 16E, AGLIME	91.00	2.49	94.7	66.0	49.7	0.80	0.93

## LIMESTONE PROGRAM PRODUCER INFORMATION - 2005

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								1 YEAR	4 YEAR
<b>WHITESIDE</b>									
ALLIANCE MATERIALS 51952-59	EMERSON 1 MI. SE	0-23.5M (0-77')	93.42	11.01	84.9	48.8	36.4	0.98	1.07
WENDLING QUARRIES 51952-64	ALBANY 1.5 MI. NE	-3.4-21.3M	102.94	12.10	82.0	46.0	37.1	0.91	1.01
<b>WILL</b>									
BOUGHTON 51972-08	PLAINFIELD	0-110' LEVEL, NORTH WALL	86.01	9.98	81.8	38.8	28.5	1.25	1.29
ELMHURST CHICAGO STONE 51972-11	PLAINFIELD	41 DEGREES 38.890 N - 88 DEGREES 09.061 W	97.75	11.29	73.6	41.0	33.5	1.05	1.16
ELMHURST CHICAGO STONE 51972-10	ROMEDEVILLE 4.5 MI. N.	41 DEGREES 42', 859 N - 88 DEGREES 05.135W	92.83	10.73	74.3	40.9	31.1	1.14	1.22
JOLIET SAND & GRAVEL 51972-15	ROCKDALE 2.5 MI. W.	290-315 FT.	101.84	11.56	85.7	53.4	39.4	0.85	0.95
MATERIAL SERVICE 51972-02	ROMEDEVILLE 1 MI. W.	0-140 FT.	93.91	11.06	69.6	37.1	27.8	1.22	1.28
VULCAN MATERIALS 51972-09	BOLINGBROOK	40-105'	70.78	8.29	83.2	49.9	41.7	1.23	1.41
VULCAN MATERIALS 51972-19	LARAWAY	0-60'	93.53	11.04	78.5	38.4	26.6	1.19	1.21
VULCAN MATERIALS 51972-04	LEMONT	LEVEL 1	102.58	10.38	87.5	48.5	34.0	0.91	0.97
VULCAN MATERIALS 51972-16	PLAINFIELD	0-62'	87.83	3.62	75.4	30.4	20.9	1.47	1.41
<b>WINNEBAGO</b>									
BAUCH 52012-71	PECATONICA 1 MI. E	0-12.2M, NW 1/4 S27- T27N-R10E	102.19	12.08	79.6	47.5	31.8	0.96	1.02
NORTHERN ILL. SERVICE 52012-73	ROSCOE 1 MI. SE	3.7-15.2M, SW1/4 S13- T45N-R2E	104.41	12.46	76.1	43.0	28.1	1.02	1.05
NORTHERN ILL. SERVICE 52012-80	S. BELOIT 1 MI. S	1.5-15.2M, SE1/4 S26- T46N-R1E	102.97	12.30	80.5	46.3	29.7	0.98	1.01
ROCKFORD SAND & GRAVEL 52012-69	LOVES PARK 2 MI. NE	0-75.3M, SE1/4 S33- T45N-R2E	103.94	12.33	92.8	59.2	41.5	0.78	0.86
ROGERS R-M & MATERIALS 52012-31	CHERRY VALLEY 2 MI. SW	0-24.4M, SE1/4 S9- T43N-R2E	101.52	12.26	75.9	48.4	32.5	0.97	1.03
ROSCOE ROCK & SAND 52012-19	DURAND 1 MI. N	0-6.7M, SW1/4 S34- T28N-R10E	99.50	11.87	91.0	51.5	37.9	0.88	0.96

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>.