

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 - AUGUST 2002

COUNTY PRODUCER NAME	CITY ADDRESS	STOCKPILE OR LEDGE LOCATION	CCE	MG	PASS #8	PASS #30	PASS #60	CORRECTION FACTORS	
								1 YEAR	4 YEAR
INDIANA									
BLOOMINGTON CRUSHED STONE 52102-07	BLOOMINGTON 5 MI. W.	17.7M (58') FACE - LEDGE #1	90.84	0.29	100.0	94.3	54.6	0.68	0.77
CALCAR QUARRIES 52102-10	PAOLI	STOCK - 49.7M (163') FACE - LEDGES 1-5	94.80	1.72	87.9	44.1	30.9	1.04	1.08
CORYDON CRUSHED STONE 52102-25	CORYDON 2 MI. N.W.	LOWER 11.6M (38') FACE - LEDGE #1	95.17	2.83	98.8	54.2	33.3	0.92	0.95
MITCHELL CRUSHED STONE 52102-04	MITCHELL 7 MI. W.	STOCK - 7.6M (25') FACE, LEDGE #3.	95.38	0.61	97.9	50.3	34.1	0.94	0.98
MULZER CRUSHED STONE 52102-18	CAPE SANDY S. EDGE	19.2M (63') FACE - LEDGES 8+9+10, EAST QUARRY	87.50	3.16	99.4	61.9	41.5	0.89	0.98
MULZER CRUSHED STONE 52102-18	CAPE SANDY S. EDGE	29.3M (96') FACE - LEDGES 3+4+5, WEST QUARRY	93.56	1.97	98.9	58.6	38.6	0.87	0.94
MULZER CRUSHED STONE 52102-11	ENGLISH 3 MI. EAST	STOCK - 4.0 M (13') FACE - LEDGE #4	91.25	1.37	92.6	45.5	28.7	1.08	1.09
MULZER CRUSHED STONE 77000-97	MT. VERNON 5 MI. S.W.	CHARLESTOWN QUARRY "MAG" STOCKPILE	99.50	11.62	87.7	48.1	34.3	0.94	1.00
MULZER CRUSHED STONE 52102-14	TOWER 3 MI. S.	14.9M (49') FACE - LEDGE #5 & UPPER LEDGE #6	93.07	2.33	91.0	46.6	30.5	1.04	1.07
NEWTON COUNTY STONE 52102-01	KENTLAND 3 MI. E.	3M - 18M, REG. AG. LIME, PLATTEVILLE/PECATONICA	101.25	11.19	94.3	45.5	31.1	0.95	0.98
NEWTON COUNTY STONE 52102-01	KENTLAND 3 MI. E.	3M - 18M, FINE GRIND, PLATTEVILLE/PECATONICA.	99.38	9.04	97.4	54.5	39.7	0.84	0.92
OWEN VALLEY QUARRY 52102-31	SPENCER 1.25 MI. W.	0M-30.8M (101') FACE - LEDGES 1+2	75.00	2.69	99.2	57.6	45.2	1.03	1.18
U.S. AGGREGATES 52102-28	DELPHI	LEDGE 2, 16M -31M, SHOT 02-H14 (53' - 103')	102.63	12.06	98.5	47.6	26.7	0.95	0.93
VULCAN MATERIALS 52102-23	FRANCESVILLE 2 MI. S. ½ MI. E.	(65') 20M LEDGE 3,4,5 GRID Q33,34	105.25	12.90	99.1	71.3	51.1	0.66	0.76
IOWA									
MOLINE CONSUMERS 52202-10	LECLAIRE N. EDGE	LEDGE 4, 150-200' LEVEL, BEDS 13-19, S. SIDE OF FAULT	100.00	12.43	77.2	37.6	29.7	1.09	1.15
MOLINE CONSUMERS 52202-16	MCCAUSLAND		102.60	12.86	70.2	33.9	26.7	1.16	1.20
RIVERSTONE GROUP 52202-16	MCCAUSLAND 4 MI. W.	13.7M-27.4M LEDGE #2	100.12	11.74	84.4	42.9	33.9	0.98	1.05
WENDLING QUARRY 52202-09	MOSCOW	BEDS 1-9, SW. AND W. FACE	86.75	2.23	80.5	40.0	30.2	1.21	1.27
WENDLING QUARRY 52202-06	CAMANCHE	BEDS 3-15, 55-60'. W. FACE.	99.88	13.25	68.8	33.8	25.3	1.22	1.25

LIMESTONE PROGRAM PRODUCER INFORMATION - AUGUST 2002

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								1 YEAR	4 YEAR
MISSOURI									
BUSSEN & KOCH 52302-07	KOCH ROAD	LEDGES 16-21 (60' 18.3M)	88.38	1.67	97.6	60.5	40.5	0.90	0.98
BUSSEN QUARRY 52302-65	ANTIRE	HILL 3, LEDGES 12-14	86.25	4.96	98.0	60.2	41.2	0.92	1.01
CENTRAL STONE 52302-04	HUNTINGTON	STOCK	94.18	0.67	95.0	67.3	51.5	0.75	0.89
CENTRAL STONE 52302-46	TAYLOR N. EDGE	COMMON STOCK	89.73	0.68	95.0	57.0	38.5	0.93	1.01
CENTRAL STONE 52302-53	FLORISSANT		75.50	1.66	100.0	99.9	97.7	0.62	0.89
MARTIN MARIETTA 52302-41	PERRYVILLE 6 MI. N.	9.4 M LEDGE NO. 2, STOCKPILE NO. 2 FINE LIME	94.06	1.66	99.3	88.7	71.9	0.60	0.77
MARTIN MARIETTA 52302-41	PERRYVILLE 6 MI. N.	9.4 M LEDGE NO. 2; STOCKPILE NO. 1 REGULAR LIME	90.47	2.78	88.1	42.1	29.6	1.12	1.16
W.B. SMITH 52302-28	LOUISIANA S. EDGE	VARIOUS - COMMON STOCKPILE	96.29	0.16	96.0	57.2	38.6	0.86	0.93
WISCONSIN									
LITTLE LIMESTONE INC. 52402-96	CLINTON 1 MI. N.	VARIOUS LEDGES	99.88	12.30	92.0	78.5	72.4	0.59	0.79
WAUKESHA LIME 52402-05	WAUKESHA	COMBINED LEDGES	101.25	13.16	79.2	41.1	31.8	1.01	1.09
ADAMS									
CENTRAL STONE 50012-04	LORAIN 2 MI. S.	COMMON STOCK	77.35	2.64	79.8	46.1	33.6	1.26	1.36
CENTRAL STONE 50012-33	MARBLEHEAD NE EDGE	0M - 9.1M, LEDGE 1	87.75	2.92	97.1	60.5	44.2	0.88	0.99
CENTRAL STONE 50012-33	MARBLEHEAD NE EDGE	9.1M - 18.3M LEDGE #2	93.56	2.10	94.1	55.6	40.2	0.89	0.98
CENTRAL STONE 50012-06	QUINCY 5 MI. E.	VARIOUS LEDGES	88.61	0.96	96.1	62.3	44.5	0.87	0.98
BOONE									
CHARLES LEE & SON 50072-02	IRENE 1 MI. S.	12.2-26.2M	101.38	12.87	82.3	47.1	34.4	0.94	1.02
CARROLL									
WENDLING QUARRIES 50152-74	MT. CARROLL 2 MI. W.	3.1 - 18.0M EAST FACE	97.77	12.21	75.1	33.6	23.5	1.24	1.23

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								1 YEAR	4 YEAR
CLARK									
CASEY STONE 50232-06	CASEY 2.5 MI. S.	25 FT. FACE	88.61	1.04	82.5	40.7	25.3	1.24	1.23
QUALITY LIME 50232-05	MARSHALL 1.5 MI. S.E.	NORTH PIT TOP LEDGE, 9.5' THICK	87.50	1.56	98.4	52.4	35.4	1.00	1.05
VULCAN MATERIALS 50232-02	CASEY 2 MI. S.E.	25 FT. FULL FACE	90.10	0.44	92.2	43.7	25.3	1.15	1.12
COLES									
CHARLESTON STONE 50292-02	CHARLESTON 2.5 MI. NE.	EAST PIT TOP, 10' THICK	83.25	1.32	88.2	40.3	29.0	1.24	1.27
COOK									
MATERIAL SERVICE 50312-04	THORNTON	0-150N, 15-232N, 232 - 347N & BROWN DERBY 0-98'.	98.63	12.88	74.8	36.7	26.1	1.17	1.19
VULCAN MATERIALS 50312-78	MCCOOK	VARIOUS	93.50	11.95	65.9	32.6	23.8	1.36	1.37
DEKALB									
E. LARSON, INC. 50372-02	CORTLAND 2.5 MI. NE.	0-10.4M	89.60	11.35	94.0	52.2	39.9	0.95	1.05
MACKLIN INCORPORATED 50372-67	FAIRDALE 1 MI. S.	12.2-27.5M	101.88	12.61	85.3	50.1	36.0	0.90	0.97
DOUGLAS									
TUSCOLA STONE 50412-01	TUSCOLA 1.5 MI. S.E.	ALL LEDGES	76.13	9.22	95.9	45.9	37.8	1.17	1.28
GREENE									
ORTON QUARRY 50612-01	HILLVIEWQ 1.5 MI. S.	LEDGE 1 60' (18.3M) PILE #2	92.82	1.75	75.8	42.5	29.6	1.14	1.19
ORTON QUARRY 50612-01	HILLVIEW 1.5 MI. S.	LEDGE 2 60' (18.3M) OLD LEVEL 1	86.88	1.68	79.7	44.4	31.1	1.16	1.23
VALSTAD QUARRY 50612-02	KANE 3.5 MI. W.	LEDGES 7, 8, 9; 46' (14.1M)	85.25	1.53	80.7	46.3	32.0	1.16	1.22
GRUNDY									
AUX SABLE STONE 50632-01	MORRIS 3.5 MI. E.	0-76' LEDGE	95.00	3.36	99.9	64.5	44.4	0.79	0.88

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					#8	#30	#60	1 YEAR	4 YEAR

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								1 YEAR	4 YEAR
HANCOCK									
CENTRAL STONE 50672-01	CARTHAGE 4.5 MI. E.	VARIOUS LEDGES	84.00	3.97	96.9	58.2	40.8	0.96	1.06
GRAY QUARRIES 50672-03	HAMILTON W. EDGE	VARIOUS LEDGES, COMMON STOCKPILE	89.23	2.97	67.0	40.6	33.5	1.18	1.32
GRAY QUARRIES 50672-03	HAMILTON W. EDGE	35.1M - 54.9M, LEDGE 4-7	82.92	2.40	89.6	48.7	35.4	1.10	1.19
GRAY QUARRIES 50672-03	HAMILTON W. EDGE	49.7M-54.9M LEDGE #5	77.48	2.64	95.1	77.9	63.0	0.81	1.01
R.L. O'NEAL 50672-04	PLYMOUTH 3 MI. NW.	VARIOUS LEDGES	82.00	4.15	81.3	39.7	30.1	1.28	1.34
HARDIN									
HASTIE MINING 50692-04	CAVE-IN-ROCK 3 MI. N.E.	0-42 FT. BELOW ROSICLARE SANDSTONE	82.05	2.01	83.1	41.7	27.4	1.29	1.31
HENDERSON									
CESSFORD CONSTRUCTION CO. 50712-03	BIGGSVILLE	KEOKUK & CEDAR FORK, 42' FACE	74.63	2.38	81.0	48.6	35.4	1.26	1.37
CESSFORD CONSTRUCTION CO. 50712-02	DALLAS CITY 1 MI. E.	KEOKUK LEDGE, 35.1 M. S.S., STOCKPILE PROD. (2001 LAST FALL)	69.13	2.48	78.7	47.8	36.1	1.36	1.50
HENRY									
RIVER STONE GROUP 50732-12	CLEVELAND E.	77.7-91.4M	102.48	11.88	89.2	52.1	37.0	0.86	0.94
IROQUOIS									
PRAIRIE GROUP 50752-01	ASHKUM	0-16M, LEDGE A, GRID 0-6	88.63	2.63	75.0	39.4	29.2	1.23	1.29
JACKSON									
KINKAID STONE CO. 50772-02	AVA 5 MI. SW.	TOP 0-7.6 M., HEPP PIT	81.19	1.48	76.6	37.0	25.2	1.42	1.43
JERSEY									
CALHOUN QUARRY 50832-03	HARDIN 4 MI. E.	LEDGES 1 & 2, 75' (22.9M)	93.50	0.97	84.5	47.1	32.0	1.04	1.09
VALSTAD QUARRY 50832-02	FIELDON 2 MI. S.	VARIOUS	87.50	1.01	88.2	41.8	27.4	1.19	1.20

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					#8	#30	#60	1 YEAR	4 YEAR

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COUNTY PRODUCER NAME	CITY ADDRESS	STOCKPILE OR LEDGE LOCATION	CCE	MG	PASS #8	PASS #30	PASS #60	CORRECTION FACTORS	
								1 YEAR	4 YEAR
JO DAVIESS									
CONMAT INC. 50852-61	ELIZABETH 1 MI. W.	OLD STOCKPILE	101.98	12.47	74.6	48.1	37.4	0.92	1.04
CONMAT INC. 50852-29	GALENA 3 MI. NW	0-15.2M N. FACE	99.75	11.72	98.3	69.9	53.0	0.69	0.82
CONMAT INC. 50852-06	GALENA 1 MI. S.	18.3M-30.5M, S. FACE	94.25	6.56	71.6	38.8	29.2	1.17	1.24
CONMAT, INC. 50852-18	SCALES MOUND 1.5 MI. S.	0-12.2 M, N. FACE	94.63	12.01	79.9	44.2	33.6	1.04	1.13
CONMAT, INC. 50852-67	STOCKTON 4 MI. N.	OLD STOCKPILE	102.23	12.51	75.1	44.8	32.6	0.99	1.06
KANE									
CONCO WESTERN 50892-01	N. AURORA	VARIOUS LOCATIONS	97.90	6.03	99.3	68.3	48.5	0.73	0.84
KANKAKEE									
PRAIRIE GROUP NORTH CENTRAL MATERIALS 50912-06	MANTENO 5 MI. SW.	0-21' (7 M) A LEDGE, GRID T55, WEST BELT	99.38	12.33	69.6	29.9	19.3	1.37	1.30
PRAIRIE GROUP NORTH CENTRAL MATERIALS 50912-06	MANTENO 5 MI. S.W.	0-21' (7M) A LEDGE, GRID T55, EAST BELT	99.88	12.14	77.6	30.6	20.0	1.30	1.23
VULCAN MATERIALS 50912-04	BRADLEY 2 MI. N.	23-39M D LEDGE, GRID AG37	103.22	13.06	72.0	36.6	26.3	1.12	1.15
VULCAN MATERIALS 50912-02	KANKAKEE 7 MI. W. 1 M. S.	LEDGE DE, 25M - 37M, GRID IJ	90.47	11.39	74.0	35.3	26.3	1.29	1.32
KENDALL									
VALLEY RUN STONE 50932-02	LISBON 2.5 MI. E.	120-150' VARIOUS LOCATIONS	97.55	11.51	80.9	39.5	32.1	1.06	1.13
LASALLE									
RIVERSTONE GROUP 50992-04	LOWELL	110-160' LEDGE	93.13	3.25	90.2	54.6	37.9	0.92	1.01
UTICA STONE 50992-02	UTICA 0.5 MI. S.	0-36' LEDGE GRID 0-21 COARSE GRIND	74.25	8.89	65.5	28.7	20.7	1.85	1.80
UTICA STONE 50992-02	UTICA 0.5 MI. S.	0-36' LEDGE GRID 0-21 FINE GRIND	73.00	8.66	99.9	70.6	49.7	0.96	1.10
WESTERN SAND AND GRAVEL 50992-05	TROY GROVE 3 MI. E.	0-55', FINE GRIND	90.13	11.60	100.0	99.8	98.3	0.52	0.75

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WESTERN SAND AND GRAVEL 50992-05	TROY GROVE 3 MI. E.	0-55', COARSE GRIND	94.63	12.00	76.0	39.8	31.6	1.11	1.20
LEE									
FRANK N. BUTLER 51032-30	LEE CENTER 2 MI. E.	0-60' NW LEDGE; THIS YEAR'S PRODUCTION	98.27	12.22	66.6	38.8	31.8	1.11	1.22
FRANK N. BUTLER 51032-30	LEE CENTER 2 MI. E.	0-60' N.W. LEDGE, LAST YEAR'S PRODUCTION	98.76	12.01	76.4	42.9	34.3	1.01	1.11
MACKLIN QUARRIES 51032-74	ASHTON 1 MI. NW.	7.6 - 15.2 M	96.04	12.29	91.2	66.4	38.8	0.83	0.89
PRAIRIE GROUP 51032-80	DIXON 0.5 MI. NE.	OLD AG PIT (6.1-14.6M)	90.22	4.00	81.2	41.1	30.5	1.15	1.21
RENNER QUARRIES 51032-04	AMBOY W.	0-19.8M, N. FACE	101.61	11.62	82.8	49.0	32.4	0.94	0.99
RENNER QUARRIES 51032-76	ELDENA 2.5 MI. W.	3-12.2 M FACE	100.50	12.33	86.4	62.2	40.2	0.81	0.89
LIVINGSTON									
PRAIRIE MATERIALS 51052-15	FAIRBURY		89.98	1.37	85.6	47.6	32.6	1.06	1.12
PRAIRIE MATERIALS 51052-17	OCOYA		91.25	0.94	98.2	57.7	40.1	0.89	0.97
PRAIRIE MATERIALS 51052-16	OCOYA	MILLED LIME	90.10	0.75	79.0	40.8	28.5	1.19	1.23
VALLEY VIEW INDUSTRIES 51052-13	OCOYA	MILLED LIME	89.75	1.03	98.2	75.8	57.9	0.72	0.87
VALLEY VIEW INDUSTRIES 51052-13	OCOYA	BLENDED LIME	89.98	1.06	95.0	61.6	46.1	0.85	0.97
LOGAN									
MATERIAL SERVICE #10 51072-05	LINCOLN 4 MI. W.S.W.	COMBINED LEDGES	85.63	0.55	86.7	47.2	34.2	1.10	1.18
MADISON									
ALBY QUARRY 51192-03	ALTON	13 & 14' LEDGES	89.75	4.94	93.2	53.4	35.8	0.98	1.04
ALBY QUARRY 51192-03	ALTON	LEDGES 12, 13, 14; 67.3' (20.4M).	86.38	7.25	92.2	50.4	35.2	1.04	1.11
BLUFF CITY MINERALS 51192-02	ALTON S.E. EDGE	LEVEL 1 & 2, 22.9M	86.00	1.80	77.5	42.7	31.7	1.19	1.27
HIGH CAL PELLETT LIME 51192-04	ALTON S.E. EDGE	LEVEL 1 & 2, 22.9M	88.88	1.97	99.6	93.9	82.5	0.58	0.79
LOHR QUARRY 51192-01	GODFREY 3.5 MI. N.W.	LEDGES 1-3, 54'	87.00	6.90	80.9	46.6	36.3	1.08	1.20

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					#8	#30	#60	1 YEAR	4 YEAR

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								1 YEAR	4 YEAR
MCDONOUGH									
CENTRAL STONE CO. 51092-01	COLCHESTER	30' - At650, Bt250 (2001 PRODUCTION STOCKPILE	76.25	2.15	92.1	53.3	41.2	1.10	1.23
MONROE									
COLUMBIA QUARRY #7 51332-04	WATERLOO 3 MI. S.	80' LEDGES 1-3 (OLD STATE LAND)	93.88	2.69	86.6	46.5	34.3	1.01	1.08
MONTGOMERY									
MATERIAL SERVICE #12 51352-01	NOKOMIS 3 MI. N.	COMBINED LEDGES	92.88	0.33	85.6	40.0	25.8	1.17	1.16
MATERIAL SERVICE #58 51352-04	NOKOMIS 3 MI. N.	COMBINED LEDGES	91.13	0.33	100.0	99.5	62.6	0.63	0.74
NOKOMIS QUARRY 51352-03	NOKOMIS 4 MI. N.	COMBINED LEDGES, AGG LIME	93.50	0.63	75.3	33.1	21.7	1.34	1.29
NOKOMIS QUARRY 51352-03	NOKOMIS 4 MI. N.	COMBINED LEDGES, PEP LIME	93.00	0.64	98.2	47.8	29.3	1.02	1.03
OGLE									
SHEELY AGGREGATE 51412-07	ADELINE 1 MI. N.W.	0-33 FT. S. LEDGE	101.36	12.66	90.7	58.4	43.0	0.79	0.90
PIKE									
CENTRAL STONE 51492-41	BARRY 2 MI. W.	COMMON STOCK	88.24	0.79	95.2	60.4	40.6	0.91	1.00
CENTRAL STONE 51492-05	KINDERHOOK 1 MI. E.	COMMON STOCK	87.62	1.18	91.3	50.4	32.6	1.06	1.10
CENTRAL STONE #33 51492-04	FLORENCE	LEDGE #2 NEW PRODUCTION	79.50	0.77	94.9	57.2	39.3	1.04	1.13
CENTRAL STONE #33 51492-04	FLORENCE	13.7 - 37.5 M, LEDGE #5	90.13	1.63	86.5	51.7	38.6	0.97	1.08
LACEY & BAUER 51492-03	PEARL 2 MI. W.	0M-9.2M LEDGE #3	96.63	1.19	87.3	53.3	38.7	0.90	0.99
RANDOLPH									
MARTIN MARIETTA 51572-05	PRAIRIE DU ROCHER	STOCKPILE NO. 1, 12.2M LEDGE #1	97.15	0.26	95.0	45.3	28.0	1.02	1.02
ROCK ISLAND									
MIDWAY STONE 51612-23	OSBORN 1.5 MI. N.	LEDGES 1,2 & 3, 0 - 21.3 M	95.17	12.25	90.6	49.9	30.1	1.00	1.02

LIMESTONE PROGRAM PRODUCER INFORMATION - AUGUST 2002

COUNTY PRODUCER NAME	CITY ADDRESS	STOCKPILE OR LEDGE LOCATION	CCE	MG	PASS #8	PASS #30	PASS #60	CORRECTION FACTORS	
								1 YEAR	4 YEAR
RIVER STONE GROUP 51612-31	MILAN NE EDGE	LEDGE 5,6,7 & 8, 25.3M- 64.9M	85.40	3.37	95.8	54.1	39.8	0.98	1.08
RIVERSTONE GROUP 51612-23	OSBORN 1.5 MI. N.	0-6.4M LEDGE #1	91.21	11.28	100.0	63.8	39.2	0.87	0.92
SHELBY									
BRUSH CREEK QUARRY 51732-01	STEWARDSON 4.5 MI. W.	12' LEDGE, WINTER'S PIT ALONG CREEK	35.00	1.20	86.0	52.8	40.8	2.45	2.76
ST. CLAIR									
CASPER STOLLE 51632-05	DUPO		91.13	4.38	86.3	47.0	34.0	1.04	1.11
COLUMBIA QUARRY #1 51632-01	COLUMBIA 2.5 MI. E.	17' LEDGE, 1-3A	94.50	2.42	96.8	45.3	30.6	1.10	1.04
COLUMBIA QUARRY #9 51632-09	DUPO 0.5 MI. S.E.	14' LEDGE, 12' ABOVE LEDGE 1A & 2	93.63	0.88	81.0	39.2	27.3	1.16	1.18
FALLING SPRINGS 51632-03	FALLING SPRINGS	LEDGE 1B 110' (33.5M)	93.00	2.22	79.2	38.1	26.4	1.20	1.22
STEPHENSON									
CONMAT INC. 51772-28	FREEPORT 1 MI. E.	OLD STOCKPILE	100.99	12.38	86.3	54.1	37.9	0.86	0.95
CONMAT INC. 51772-27	ORANGEVILLE E.	0-15.2M, N. FACE	102.88	12.95	84.5	52.9	35.7	0.88	0.94
CONMAT INC. 51772-83	PEARL CITY 3 MI. W.	0-15.2 M	99.01	11.96	84.2	42.5	30.8	1.02	1.07
CONMAT INC. 51772-01	ROCK CITY 1 MI. E.	OLD STOCKPILE	99.50	12.78	75.8	40.3	30.2	1.07	1.13
LOBERT EXCAVATING 51772-08	FREEPORT 2 MI. S.	0-9.1M, S. FACE E. END	101.25	12.71	86.9	53.4	38.4	0.86	0.95
R.E. COX 51772-04	LENA N.	0-15.2M, N. FACE	101.25	12.82	86.2	45.7	32.6	0.95	1.01
UNION									
ANNA QUARRIES 51812-02	ANNA N.E. EDGE	HARTLINE 110.6-127.1 M	91.83	4.77	86.4	41.8	27.6	1.14	1.15
VERMILION									
ALLERTON SUPPLY CO. 51832-01	FAIRMOUNT 2 MI. E.	3.7M LEDGE, 2-3" MATERIAL FROM MATERIAL SERVICE @ FAIRMOUNT	89.38	0.30	99.9	99.6	95.0	0.53	0.76
MATERIAL SERVICE 51832-01	FAIRMOUNT 2 MI. W.	3.0 M FACE	92.25	0.30	93.5	46.6	30.9	1.04	1.07

LIMESTONE PROGRAM PRODUCER INFORMATION - AUGUST 2002

COUNTY PRODUCER NAME	CITY ADDRESS	STOCKPILE OR LEDGE LOCATION	CCE	MG	PASS #8	PASS #30	PASS #60	CORRECTION FACTORS	
								1 YEAR	4 YEAR
WARREN									
RIVER STONE GROUP INC. 51872-01	ST. AUGUSTINE	60 FT.	82.50	2.20	94.1	64.4	46.9	0.91	1.04
WHITESIDE									
FRANK BUTLER 51952-59	EMERSON 1 MI. S.E.	0-10.4M & 0-23.5M	92.95	11.57	80.9	47.6	37.2	1.00	1.11
FRANK BUTLER 51952-59	EMERSON 1 MI. S.E.	OLD PRODUCTION	89.85	10.98	83.5	47.5	36.9	1.03	1.14
WENDLING QUARRIES 51952-64	ALBANY	12.2M - 21.3M, SOUTH FACE	102.63	13.60	80.8	43.2	34.0	0.96	1.04
WILL									
ELMHURST CHICAGO STONE 51972-10	ROMEDEVILLE	STOCKPILE 0-15.2M	89.00	10.01	79.9	45.9	35.1	1.08	1.18
JOLIET SAND & GRAVEL CO. 51972-15	JOLIET	MINE LEVEL 1, 290-315'	99.88	13.41	94.2	46.5	29.7	0.97	0.98
MATERIAL SERVICE CORPORATION 51972-02	ROMEDEVILLE	PIERCE EICH PROPERTY, WEST QUARRY NE CORNER 142'	92.38	12.16	76.7	41.9	31.9	1.11	1.20
VULCAN MATERIALS 51972-09	BOLINGBROOK	0-115' PRODUCTION	88.13	11.20	74.5	36.7	26.7	1.30	1.33
VULCAN MATERIALS 51972-04	LEMONT	30-110' PRODUCTION	92.00	11.61	66.2	28.8	20.5	1.49	1.45
WINNEBAGO									
NORTHERN ILLINOIS SERVICE 52012-73	ROSCOE 1 MI. S.E.	9.1-21.3M	102.10	12.54	83.3	50.6	34.6	0.91	0.97
ROCKFORD SAND & GRAVEL 52012-86	DURAND 6 MI. S.E.	0-16.8 M	97.52	12.48	82.6	47.3	37.1	0.95	1.05
ROCKFORD SAND & GRAVEL 52012-69	LOVES PARK 2 MI. N.E.	TOP 60' LEDGE 1	102.23	12.70	82.2	52.2	39.3	0.86	0.97
ROCKFORD SAND & GRAVEL 52012-45	ROCKFORD 5 MI. S.		101.98	12.38	88.9	51.3	34.3	0.89	0.95
ROGERS R-M & MATERIALS 52012-31	CHERRY VALLEY 2 MI. S.W.	12.2 - 18.3M	100.87	12.54	75.6	49.4	34.7	0.95	1.03

*This publication is available in its entirety on our website, <http://www.agr.state.il.us>.
Addenda to this book will also be available on our website, and will include samples which*

were not received in time to include in this publication.