

Agricultural Limestone Tested

Fall 2020

12/9/2020
 Page 1 of 19

| County: Adair | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|--|--------------------------|----------------|-------|-------------|-------------|------|------|-------------|
| Gaddie Shamrock LLC/Williams Quarry | | | | | | | | |
| Hwy 55 S | | <u>Ag Lime</u> | | | | | | |
| Columbia, KY 42728 | 9/17/2020 | 10/12/2020 | 93.2 | 97.8 | 44.7 | 32.1 | 4.0 | 66.4 |
| License ID: 10619 | Sample Number: LM-20-534 | | | | | | | |
| Burton Stone | | | | | | | | |
| 897 Fairplay Rd | | <u>Ag Lime</u> | | | | | | |
| Columbia, KY 42728 | 9/17/2020 | 10/12/2020 | 91.3 | 94.3 | 40.2 | 29.7 | 4.7 | 61.4 |
| License ID: 14577 | Sample Number: LM-20-533 | | | | | | | |
| County: Allen | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
| Allen County Stone | | | | | | | | |
| 2438 Old State Rd E | | <u>Ag Lime</u> | | | | | | |
| Scottsville, KY 42164 | 9/1/2020 | 9/18/2020 | 94.1 | 99.7 | 42.9 | 35.8 | 0.7 | 67.1 |
| License ID: 10702 | Sample Number: LM-20-515 | | | | | | | |
| County: Anderson | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
| Hanson Aggregates Midwest LLC/Tyrone Quarry | | | | | | | | |
| 1645 Tyrone Rd | | <u>Ag Lime</u> | | | | | | |
| Lawrenceburg, KY 40342 | 9/29/2020 | 10/23/2020 | 96.9 | 89.6 | 50.3 | 31.0 | 6.3 | 67.8 |
| License ID: 10685 | Sample Number: LM-20-569 | | | | | | | |
| County: Ballard | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
| Bandana Ag, Inc. | | | | | | | | |
| 100 Needmore Rd | | <u>Ag Lime</u> | | | | | | |
| La Center, KY 42056 | 8/31/2020 | 9/24/2020 | 98.1 | 95.1 | 40.7 | 40.7 | 0.4 | 66.6 |
| License ID: 10643 | Sample Number: LM-20-522 | | | | | | | |
| Sullivan Lime & Backhoe Service, LLC | | | | | | | | |
| 498 W. Kentucky Drive | | <u>Ag Lime</u> | | | | | | |
| La Center, KY 42056 | 8/31/2020 | 9/24/2020 | 98.0 | 95.5 | 48.7 | 40.6 | 0.4 | 70.7 |
| License ID: 10675 | Sample Number: LM-20-521 | | | | | | | |

Agricultural Limestone Tested

Fall 2020

| County: Barren | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|--|--------------------------|---------------|----------------|-------------|-------------|------|------|-------|
| Farm Ag Sales, LLC 66 E Main St, Hwy 70 Hiseville, KY 42152 License ID: 05875 only pelleted and bagged lime | | | | | | | | |
| Glass Aggregates 791 Love Knob Rd Glasgow, KY 42141 License ID: 10700 closed, not in operation | | | | | | | | |
| Barren Co Stone 1140 Flint Knob Rd Cave City, KY 42127 License ID: 10701 | | | | | | | | |
| | | | <u>Ag Lime</u> | | | | | |
| | 8/20/2020 | 9/11/2020 | 94.9 | 94.8 | 39.1 | 37.7 | 1.5 | 63.6 |
| | Sample Number: LM-20-508 | | | | | | | |
| Park City Stone, LLC 454 State Quarry Rd Cave City, KY 42127 License ID: 35078 | | | | | | | | |
| | | | <u>Ag Lime</u> | | | | | |
| | 8/20/2020 | 9/11/2020 | 96.4 | 96.2 | 40.4 | 38.6 | 0.9 | 65.9 |
| | Sample Number: LM-20-509 | | | | | | | |
| County: Bourbon | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
| Bourbon Limestone 2470 Fords Mill Rd Paris, KY 40361 License ID: 10620 | | | | | | | | |
| | | | <u>Ag Lime</u> | | | | | |
| | 9/23/2020 | 10/16/2020 | 97.1 | 98.7 | 40.7 | 36.7 | 2.8 | 67.7 |
| | Sample Number: LM-20-549 | | | | | | | |
| County: Boyle | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
| Caldwell Stone Co, Inc 1648 Stanford Rd Danville, KY 40422 License ID: 10627 | | | | | | | | |
| | | | <u>Ag Lime</u> | | | | | |
| | 9/24/2020 | 10/23/2020 | 92.7 | 99.8 | 99.9 | 37.8 | 1.4 | 92.6 |
| | Sample Number: LM-20-568 | | | | | | | |

Agricultural Limestone Tested

Fall 2020

12/9/2020
Page 3 of 19

| County: Breckinridge | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|----------------------|--------------|---------------|-------|-------------|-------------|------|------|-------|
|----------------------|--------------|---------------|-------|-------------|-------------|------|------|-------|

White Stone Company

2281 Hwy 992

Ag Lime

Hardinsburg, KY 40143

9/29/2020

10/23/2020

90.5

94.7

48.5

35.0

2.2

64.8

License ID: 10614

Sample Number: LM-20-564

Liters Quarry

Hwy 477

Ag Lime

Irvington, KY 40146

9/29/2020

10/20/2020

95.6

93.3

31.6

35.4

3.1

59.7

License ID: 10680

Sample Number: LM-20-563

| County: Bullitt | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|-----------------|--------------|---------------|-------|-------------|-------------|------|------|-------|
|-----------------|--------------|---------------|-------|-------------|-------------|------|------|-------|

Quality Stone & Ready Mix, Inc

3260 N Preston Hwy

Ag Lime

Shepherdsville, KY 40165

9/9/2020

9/24/2020

87.6

99.9

99.1

20.0

10.5

87.2

License ID: 10596

Sample Number: LM-20-526

| County: Butler | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|----------------|--------------|---------------|-------|-------------|-------------|------|------|-------|
|----------------|--------------|---------------|-------|-------------|-------------|------|------|-------|

Martin Marietta Materials

2615 Bowling Green Rd

Ag Lime

Morgantown, KY 42261

9/2/2020

9/24/2020

96.4

93.8

42.6

34.2

4.0

65.7

License ID: 10646

Sample Number: LM-20-524

Road Builders

683 W Basham Rd

Morgantown, KY 42261

License ID: 24232

no sample, see Spring 2017 results

| County: Caldwell | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|------------------|--------------|---------------|-------|-------------|-------------|------|------|-------|
|------------------|--------------|---------------|-------|-------------|-------------|------|------|-------|

Rogers Group Quarry

10234 Hopkinsville Rd

Ag Lime

Princeton, KY 42445

9/24/2020

10/16/2020

97.1

95.5

37.2

38.3

0.7

64.4

License ID: 10683

Sample Number: LM-20-541

Lafarge West Fredonia Quarry

297 Fredonia Quarry Rd

Ag Lime

Fredonia, KY 42411

9/24/2020

10/16/2020

98.4

97.3

35.2

38.6

1.0

65.1

License ID: 10703

Sample Number: LM-20-542

Agricultural Limestone Tested

Fall 2020

12/9/2020

Page 4 of 19

| County: Calloway | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|------------------|--------------|---------------|-------|-------------|-------------|------|------|-------|
|------------------|--------------|---------------|-------|-------------|-------------|------|------|-------|

Furches Farms

3182 SR 94 W

Ag Lime

Murray, KY 42071

9/24/2020

10/16/2020

82.4

99.9

72.3

16.6

9.2

70.9

License ID: 09708

Sample Number: LM-20-553

| County: Carroll | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|-----------------|--------------|---------------|-------|-------------|-------------|------|------|-------|
|-----------------|--------------|---------------|-------|-------------|-------------|------|------|-------|

Phoenix Services Waylite Group

6870 Hwy 42 E

Ag Lime

Ghent, KY 41045

9/15/2020

10/12/2020

96.6

94.7

29.0

32.0

5.1

59.7

License ID: 14407

Sample Number: LM-20-529

| County: Carter | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|----------------|--------------|---------------|-------|-------------|-------------|------|------|-------|
|----------------|--------------|---------------|-------|-------------|-------------|------|------|-------|

Hanson Aggregates Midwest LLC/AA Limestone Inc

14011 State Hwy 9

Ag Lime

Grayson, KY 41143

9/24/2020

10/16/2020

77.6

90.4

37.2

29.0

0.3

49.5

License ID: 10705

Sample Number: LM-20-551

Brushy Creek Stone, LLC

11097 SR 2

10X Lime

Olive Hill, KY 41164

9/24/2020

10/16/2020

89.7

61.3

26.8

36.9

0.3

39.5

License ID: 32012

Sample Number: LM-20-552

| County: Casey | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|---------------|--------------|---------------|-------|-------------|-------------|------|------|-------|
|---------------|--------------|---------------|-------|-------------|-------------|------|------|-------|

Casey Stone Company

15519 East KY 70

Ag Lime

Bethelridge, KY 42516

10/6/2020

10/23/2020

97.0

88.1

27.9

39.6

0.4

56.2

License ID: 10654

Sample Number: LM-20-570

Agricultural Limestone Tested

Fall 2020

12/9/2020
Page 5 of 19

| County: Christian | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|-------------------|--------------|---------------|-------|-------------|-------------|------|------|-------|
|-------------------|--------------|---------------|-------|-------------|-------------|------|------|-------|

Hopkinsville Aggregate Company

355 Harry Berry Rd; US 41A

Ag Lime

Hopkinsville, KY 42240 9/25/2020 10/20/2020 92.2 97.9 41.5 37.7 0.7 **64.3**

License ID: 10611 Sample Number: LM-20-555

Hopkinsville Aggregate Company

355 Harry Berry Rd; US 41A

Ag Lime

Hopkinsville, KY 42240 8/18/2020 9/11/2020 93.0 81.7 32.0 36.1 1.9 **52.8**

License ID: 10611 Sample Number: LM-20-504

Apex Materials, LLC

20215 N Greenville Rd

White Plains, KY 42464

License ID: 19875 closed, not in operation

| County: Clinton | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|-----------------|--------------|---------------|-------|-------------|-------------|------|------|-------|
|-----------------|--------------|---------------|-------|-------------|-------------|------|------|-------|

Gaddie Shamrock LLC/Caldwell Quarry

Hwy 1590

Ag Lime

Albany, KY 42602 9/16/2020 10/12/2020 95.4 98.6 37.3 36.9 1.3 **64.8**

License ID: 10648 Sample Number: LM-20-531

Albany Farms LLC/dba Albany Quarry

292 Maple Mountain Rd

Ag Lime

Albany, KY 42602 9/16/2020 10/12/2020 94.2 98.9 45.8 37.6 0.5 **68.2**

License ID: 31513 Sample Number: LM-20-532

| County: Crittenden | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|--------------------|--------------|---------------|-------|-------------|-------------|------|------|-------|
|--------------------|--------------|---------------|-------|-------------|-------------|------|------|-------|

Rogers Group Marion Quarry

1921 SR 1668

Marion, KY 42064

License ID: 32536 no ag lime

| County: Daviess | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|-----------------|--------------|---------------|-------|-------------|-------------|------|------|-------|
|-----------------|--------------|---------------|-------|-------------|-------------|------|------|-------|

Yager Materials LLC

701 E Second St

Ag Lime

Owensboro, KY 42303 9/25/2020 10/16/2020 92.6 87.8 29.0 36.1 2.1 **54.1**

License ID: 10699 Sample Number: LM-20-545

Agricultural Limestone Tested

Fall 2020

| County: Estill | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|---|--------------|---------------|-------|-------------|-------------|------|------|-------|
| Tipton Ridge Quarry SR 1 KY 52 Ravenna, KY 40472 License ID: 10657 no sample, see Spring 2020 results | | | | | | | | |
| County: Fleming | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
| Hanson Aggregates Midwest/Flemingsburg Quarry KY Hwy 11 (100 Quarry Rd) <u>Ag Lime</u> Flemingsburg, KY 41041 9/22/2020 10/16/2020 87.5 97.2 40.7 36.6 1.1 60.3 License ID: 10679 Sample Number: LM-20-546 | | | | | | | | |
| County: Fulton | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
| Southern FS 345 ST RT 166 W <u>Ag Lime</u> Hickman, KY 42050 9/24/2020 10/16/2020 96.3 91.0 29.3 39.2 0.8 57.9 License ID: 17402 Sample Number: LM-20-554 | | | | | | | | |
| Riverfront Limestone LLC 360 SR 1354 <u>Ag Lime</u> Hickman, KY 42050 8/26/2020 9/18/2020 96.4 94.1 41.1 38.5 0.8 65.2 License ID: 27155 Sample Number: LM-20-516 | | | | | | | | |
| County: Gallatin | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
| Sterling Materials 100 Sierra Drive <u>Ag Lime</u> Verona, KY 41092 9/15/2020 10/12/2020 97.7 55.7 11.3 36.8 1.6 32.7 License ID: 10674 Sample Number: LM-20-528 | | | | | | | | |
| County: Garrard | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
| Dix River Stone Co 4963 Danville Rd <u>Ag Lime</u> Lancaster, KY 40444 9/30/2020 10/20/2020 92.7 98.3 34.5 36.5 1.4 61.6 License ID: 10622 Sample Number: LM-20-556 | | | | | | | | |

Agricultural Limestone Tested

Fall 2020

| County: Grayson | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|-----------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|
|-----------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|

Scotty's Contracting & Stone, LLC

450 Quarry Rd

Leitchfield, KY 42754

License ID: 10660

Ag Lime

8/18/2020 9/11/2020
Sample Number: LM-20-507

91.8 88.0 34.8 35.9 1.5 **56.4**

Caneyville Crushed Stone

1831 Falls of Rough Rd

Caneyville, KY 42721

License ID: 36943

Ag Lime

8/18/2020 9/11/2020
Sample Number: LM-20-506

76.2 93.2 41.7 27.9 2.3 **51.4**

| County: Green | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|---------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|
|---------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|

Haydon Materials, LLC

2410 Columbia Hwy

Greensburg, KY 42743

License ID: 10632

Ag Lime

8/25/2020 9/24/2020
Sample Number: LM-20-519

88.0 90.9 36.7 34.3 1.9 **56.1**

| County: Hancock | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|-----------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|
|-----------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|

Hancock County Ready Mixed Concrete

5330 River Rd

Hawesville, KY 42348

License ID: 10610

Ag Lime

9/25/2020 10/16/2020
Sample Number: LM-20-544

94.4 93.3 24.5 36.5 1.9 **55.6**

Agricultural Limestone Tested

Fall 2020

12/9/2020

Page 8 of 19

| County: Hardin | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|-----------------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|
|-----------------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|

Hanson Aggregates Midwest/Upton Quarry

607 Quarry Rd

Ag Lime

Upton(Hardin), KY 42784 9/14/2020 10/12/2020 95.8 95.3 45.4 36.7 1.9 **67.4**

License ID: 10686 Sample Number: LM-20-530

Vulcan Materials Co

7015 Leitchfield Rd

Ag Lime

Cecilia, KY 42724 10/15/2020 11/19/2020 95.1 65.4 24.3 32.2 3.4 **42.7**

License ID: 10696 Sample Number: LM-20-571

Mink Bros Quarry LLC

11889 Leitchfield Rd

Ag Lime

Cecilia, KY 42724 9/9/2020 9/24/2020 93.3 94.4 28.9 36.6 1.2 **57.5**

License ID: 31062 Sample Number: LM-20-525

Scotty's Contracting & Stone LLC

3355 Hill St

Vine Grove, KY 40175

License ID: 38301 Material obtained from parent company in Grayson County, Leitchf

| County: Harlan | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|-----------------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|
|-----------------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|

Bluegrass Materials Co, LLC

5075 N US Hwy 421

Bledsoe, KY 40810

License ID: 10602 no ag lime

| County: Hart | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|---------------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|
|---------------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|

Hart County Stone Company

1594 E Main St Hwy 218

Ag Lime

Horse Cave, KY 42749 8/25/2020 9/24/2020 92.0 96.7 31.1 36.0 1.8 **58.8**

License ID: 10664 Sample Number: LM-20-520

| County: Henderson | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|--------------------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|
|--------------------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|

Henderson Materials

2351 Old Geneva Rd

Ag Lime

Henderson, KY 42420 9/29/2020 10/23/2020 94.5 99.4 37.3 35.1 2.8 **64.6**

License ID: 10598 Sample Number: LM-20-565

Agricultural Limestone Tested

Fall 2020

12/9/2020

Page 9 of 19

| County: Henry | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|---------------------------|--------------|---------------|--------------------------|-------------|-------------|------|------|-------|
| Liters INC/Lockport Plant | | | | | | | | |
| 1058 River Rd | | | <u>Ag Lime</u> | | | | | |
| Lockport, KY 40036 | | | 92.5 | 97.3 | 47.9 | 37.3 | 1.5 | 67.1 |
| License ID: 10642 | | | Sample Number: LM-20-518 | | | | | |

| County: Hickman | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|-----------------------------------|--------------|---------------|-------|-------------|-------------|------|------|-------|
| Nutrien Ag Clinton | | | | | | | | |
| 245 Gin Rd | | | | | | | | |
| Clinton, KY 42031 | | | | | | | | |
| License ID: 10617 no ag lime | | | | | | | | |

| County: Hopkins | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|-------------------------------|--------------|---------------|--------------------------|-------------|-------------|------|------|-------|
| Scottys Contracting and Stone | | | | | | | | |
| 3444 Hubert Reid Dr | | | <u>Ag Lime</u> | | | | | |
| Madisonville, KY 42431 | | | 91.9 | 94.9 | 31.6 | 35.8 | 1.5 | 58.1 |
| License ID: 38936 | | | Sample Number: LM-20-540 | | | | | |

| County: Jackson | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|-----------------------------------|--------------|---------------|-------|-------------|-------------|------|------|-------|
| Clover Bottom Quarry | | | | | | | | |
| 12146 Hwy 421 N | | | | | | | | |
| McKee, KY 40447 | | | | | | | | |
| License ID: 10668 no ag lime | | | | | | | | |

| County: Jessamine | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|---|--------------|---------------|-------|-------------|-------------|------|------|-------|
| Lexington Quarry Co | | | | | | | | |
| 2200 Catnip Hill Rd | | | | | | | | |
| Nicholasville, KY 40356 | | | | | | | | |
| License ID: 10629 no sample, see Spring 2018 results | | | | | | | | |

Agricultural Limestone Tested

Fall 2020

12/9/2020

Page 10 of 19

| County: Letcher | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|------------------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|
|------------------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|

Bluegrass Materials Co, LLC

21042 Hwy 160

Gordon, KY 41819

License ID: 10603 no ag lime

Mountain Aggregates Inc

12536 Hwy 805

Burdine, KY 41517

License ID: 10609 no ag lime

| County: Livingston | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|---------------------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|
|---------------------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|

Lafarge Three Rivers Quarry

830 Three Rivers Quarry Rd

Ag Lime

Smithland, KY 42081 8/17/2020 9/11/2020 98.4 94.8 45.5 39.1 0.9 **69.0**

License ID: 10639 Sample Number: LM-20-502

Pine Bluff Sand & Gravel Company

780 Spencer Rd

Ag Lime

Salem, KY 42078 8/17/2020 9/11/2020 90.3 95.4 32.7 33.3 2.7 **57.9**

License ID: 28803 Sample Number: LM-20-503

Winn Materials/Grand Rivers Quarry

877 Dover Rd

Ag Lime

Grand Rivers, KY 42045 8/17/2020 9/11/2020 93.8 93.9 51.6 38.3 0.6 **68.3**

License ID: 33113 Sample Number: LM-20-501

| County: Logan | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|----------------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|
|----------------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|

Hanson Aggregates Midwest/Russellville Quarry

1136 Morgantown Rd

Ag Lime

Russellville, KY 42276 8/24/2020 9/18/2020 95.7 90.0 35.0 38.4 1.7 **59.8**

License ID: 10630 Sample Number: LM-20-511

| County: Lyon | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|---------------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|
|---------------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|

H & G Limestone Products, LLC

72 Depot Rd

Eddyville, KY 42038

License ID: 34114 no sample, see Fall 2019 results

Agricultural Limestone Tested

Fall 2020

| County: Madison | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|---|--------------------------|---------------|-------|-------------|-------------|------|------|-------------|
| The Allen Company Inc/Boonesboro | | | | | | | | |
| 2591 Old Boonesboro Rd | | | | | | | | |
| <u>Ag Lime</u> | | | | | | | | |
| Richmond, KY 40475 | 9/17/2020 | 10/12/2020 | 92.6 | 100.0 | 72.8 | 35.1 | 1.7 | 80.0 |
| License ID: 10624 | Sample Number: LM-20-535 | | | | | | | |

| County: Marion | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|------------------------------|--------------------------|---------------|-------|-------------|-------------|------|------|-------------|
| Haydon Materials, LLC | | | | | | | | |
| 1270 Hwy 208 | | | | | | | | |
| <u>Ag Lime</u> | | | | | | | | |
| Lebanon, KY 40033 | 9/23/2020 | 10/23/2020 | 86.0 | 84.3 | 37.6 | 28.7 | 4.7 | 52.4 |
| License ID: 10644 | Sample Number: LM-20-566 | | | | | | | |

| County: Marshall | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|----------------------------|--------------|---------------|-------|-------------|-------------|------|------|-------|
| Calvert City Quarry | | | | | | | | |
| 5229 Industrial Parkway | | | | | | | | |
| Calvert City, KY 42029 | | | | | | | | |
| License ID: 39151 | no sample | | | | | | | |

| County: Mason | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|--------------------------------|--------------|---------------|-------|-------------|-------------|------|------|-------|
| Eaton Asphalt Paving Co | | | | | | | | |
| 9222 Springdale Dr | | | | | | | | |
| Maysville, KY 41056 | | | | | | | | |
| License ID: 26738 | no ag lime | | | | | | | |

Agricultural Limestone Tested

Fall 2020

| County: Meade | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|--|--------------------------|---------------|----------------|-------------|-------------|------|------|-------------|
| Riverside Stone Co | | | | | | | | |
| 4800 Cedar Flat Rd | | | <u>Ag Lime</u> | | | | | |
| Battletown, KY 40104 | 9/29/2020 | 10/20/2020 | 92.7 | 86.1 | 33.5 | 35.2 | 1.9 | 55.5 |
| License ID: 10612 | Sample Number: LM-20-560 | | | | | | | |
| Hilltop Company | | | | | | | | |
| 1994 Paradise Bottom Rd | | | <u>Ag Lime</u> | | | | | |
| Battletown, KY 40104 | 9/29/2020 | 10/20/2020 | 94.5 | 52.3 | 11.8 | 33.0 | 3.2 | 30.3 |
| License ID: 28141 | Sample Number: LM-20-561 | | | | | | | |
| Double T Mineral Sales Ltd, LLC | | | | | | | | |
| 1141 High St Ste 5 | | | | | | | | |
| Brandenburg, KY 40108 | | | | | | | | |
| License ID: 34786 | no lime at site | | | | | | | |
| Haydon Materials | | | | | | | | |
| 9160 Rock Quarry Rd | | | <u>Ag Lime</u> | | | | | |
| Battletown, KY 40104 | 9/29/2020 | 10/20/2020 | 94.0 | 78.4 | 36.5 | 38.9 | 1.4 | 54.0 |
| License ID: 38468 | Sample Number: LM-20-562 | | | | | | | |
| County: Menifee | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
| Walker Construction and Materials/Menifee | | | | | | | | |
| Hwy 713 | | | <u>Ag Lime</u> | | | | | |
| Frenchburg, KY 40322 | 10/23/2020 | 11/19/2020 | 93.1 | 83.6 | 43.1 | 35.0 | 1.3 | 59.0 |
| License ID: 10690 | Sample Number: LM-20-572 | | | | | | | |
| Walker Construction and Materials/Menifee | | | | | | | | |
| Hwy 713 | | | <u>Ag Lime</u> | | | | | |
| Frenchburg, KY 40322 | 9/22/2020 | 10/16/2020 | 93.0 | 74.8 | 31.5 | 38.0 | 0.6 | 49.4 |
| License ID: 10690 | Sample Number: LM-20-547 | | | | | | | |
| County: Mercer | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
| Mercer Stone Co | | | | | | | | |
| 1050 Burgin Rd | | | <u>Ag Lime</u> | | | | | |
| Harrodsburg, KY 40330 | 9/24/2020 | 10/23/2020 | 96.3 | 91.9 | 39.4 | 40.5 | 0.4 | 63.2 |
| License ID: 10628 | Sample Number: LM-20-567 | | | | | | | |

Agricultural Limestone Tested

Fall 2020

| County: Monroe | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|---|--------------------------|---------------|----------------|-------------|-------------|------|------|-------------|
| Monroe County Stone | | | | | | | | |
| 490 Rock Crusher Rd | | | <u>Ag Lime</u> | | | | | |
| Tompkinsville, KY 42167 | 9/29/2020 | 10/20/2020 | 88.7 | 99.8 | 45.6 | 35.8 | 0.9 | 64.5 |
| License ID: 10625 | Sample Number: LM-20-559 | | | | | | | |
| County: Montgomery | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
| The Walker Co of Ky INC/Montgomery Stone | | | | | | | | |
| 7324 Donaldson Rd | | | <u>Ag Lime</u> | | | | | |
| Mt Sterling, KY 40353 | 9/17/2020 | 10/12/2020 | 94.0 | 86.4 | 39.7 | 34.3 | 2.2 | 59.2 |
| License ID: 10650 | Sample Number: LM-20-536 | | | | | | | |
| County: Morgan | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
| Cave Run Stone | | | | | | | | |
| 10215 Ky 519 | | | <u>Ag Lime</u> | | | | | |
| West Liberty, KY 41472 | 9/22/2020 | 10/16/2020 | 73.6 | 91.8 | 50.0 | 31.2 | 0.3 | 52.2 |
| License ID: 10672 | Sample Number: LM-20-548 | | | | | | | |
| County: Muhlenberg | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
| Greenville Quarries | | | | | | | | |
| 200 S Cherry St | | | <u>Ag Lime</u> | | | | | |
| Greenville, KY 42345 | 9/2/2020 | 9/24/2020 | 80.6 | 91.9 | 15.2 | 32.4 | 0.8 | 43.2 |
| License ID: 10637 | Sample Number: LM-20-523 | | | | | | | |
| County: Nelson | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
| Haydon Materials Bardstown, LLC | | | | | | | | |
| 625 Airport Road | | | <u>Ag Lime</u> | | | | | |
| Bardstown, KY 40004 | 9/28/2020 | 10/28/2020 | 94.4 | 82.0 | 21.8 | 20.8 | 10.7 | 49.0 |
| License ID: 10599 | Sample Number: LM-20-557 | | | | | | | |
| Haydon Materials Bardstown, LLC | | | | | | | | |
| 625 Airport Road | | | <u>Ag Lime</u> | | | | | |
| Bardstown, KY 40004 | 9/28/2020 | 10/20/2020 | 91.1 | 86.0 | 33.9 | 30.3 | 4.8 | 54.6 |
| License ID: 10599 | Sample Number: LM-20-558 | | | | | | | |

Agricultural Limestone Tested

Fall 2020

| County: Ohio | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|----------------------------------|--------------------------|---------------|-------|-------------|-------------|------|------|-------------|
| Martin Marietta Materials | | | | | | | | |
| 9352 SR 69 E | | | | | | | | |
| <u>Ag Lime</u> | | | | | | | | |
| Hartford, KY 42347 | 9/25/2020 | 10/16/2020 | 91.4 | 97.7 | 42.7 | 35.5 | 2.5 | 64.2 |
| License ID: 10600 | Sample Number: LM-20-543 | | | | | | | |
| County: Oldham | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
| Oldham County Stone | | | | | | | | |
| 7700 W Hwy 329 | | | | | | | | |
| <u>Ag Lime</u> | | | | | | | | |
| Crestwood, KY 40014 | 9/1/2020 | 9/24/2020 | 99.9 | 95.7 | 45.9 | 23.3 | 11.2 | 70.7 |
| License ID: 10618 | Sample Number: LM-20-517 | | | | | | | |
| County: Pendleton | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
| Hilltop Stone, LLC | | | | | | | | |
| 1405 Hwy 177 E | | | | | | | | |
| <u>Lime Sand</u> | | | | | | | | |
| Butler, KY 41006 | 9/23/2020 | 10/16/2020 | 96.9 | 69.2 | 23.2 | 35.8 | 3.0 | 44.8 |
| License ID: 10645 | Sample Number: LM-20-550 | | | | | | | |
| County: Powell | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
| Natural Bridge Stone | | | | | | | | |
| KY 15 | | | | | | | | |
| Stanton, KY 40380 | | | | | | | | |
| License ID: 10656 | no ag lime | | | | | | | |

Agricultural Limestone Tested

Fall 2020

12/9/2020

Page 15 of 19

| County: Pulaski | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|-----------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|
|-----------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|

Somerset Stone Company

KY 80 Bypass

Ag Lime

Somerset, KY 42502

9/22/2020

10/16/2020

94.6

97.1

45.7

37.4

1.4

67.5

License ID: 10655

Sample Number: LM-20-537

Hanson Aggregates Midwest LLC/Laurel Quarry

13670 E. Hwy 80

Ag Lime

Somerset, KY 42501

9/22/2020

10/16/2020

95.0

95.6

46.8

38.5

0.8

67.7

License ID: 10689

Sample Number: LM-20-538

Lake Cumberland Stone

US 27 S

Burnside, KY 42519

License ID: 10706

closed, not in operation

Pulaski Stone

100 James Rd

Somerset, KY 42501

License ID: 28088

no ag lime

| County: Rockcastle | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|--------------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|
|--------------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|

Hanson Aggregates Midwest LLC/Mt Vernon Quarry

Hwy 150

Ag Lime

Mt Vernon, KY 40456

9/24/2020

10/16/2020

93.6

93.5

25.2

37.7

0.9

55.5

License ID: 10682

Sample Number: LM-20-539

| County: Scott | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|---------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|
|---------------|-----------------|------------------|-------|----------------|----------------|------|------|-------|

Nally & Gibson Georgetown LLC

1267 E. Main Street

Ag Lime

Georgetown, KY 40324

9/10/2020

9/24/2020

95.1

93.3

28.1

38.0

1.8

57.7

License ID: 10626

Sample Number: LM-20-527

Agricultural Limestone Tested

Fall 2020

12/9/2020

Page 16 of 19

| County: Simpson | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|-----------------|--------------|---------------|-------|-------------|-------------|------|------|-------|
|-----------------|--------------|---------------|-------|-------------|-------------|------|------|-------|

Hanson Aggregates Midwest LLC/Franklin Quarry

211 Old Nashville Rd S
Woodburn, KY 42170

Ag Lime

License ID: 10688

8/18/2020 9/18/2020 94.4
Sample Number: LM-20-510

95.8 38.3 33.4 3.7 **63.3**

Drakes Creek Holdings

863 Gold City Rd
Franklin, KY 42134

Ag Lime

License ID: 36455

8/25/2020 9/18/2020 80.5
Sample Number: LM-20-512

99.3 87.4 23.5 5.3 **75.1**

| County: Todd | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|--------------|--------------|---------------|-------|-------------|-------------|------|------|-------|
|--------------|--------------|---------------|-------|-------------|-------------|------|------|-------|

Todd County Stone, LLC

5 North David Hightower Road
Elkton, KY 42220

License ID: 39737

no sample, see Spring 2020 results

| County: Trimble | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|-----------------|--------------|---------------|-------|-------------|-------------|------|------|-------|
|-----------------|--------------|---------------|-------|-------------|-------------|------|------|-------|

Trimble Co Sand & Gravel

920 Wise Landing Rd
Bedford, KY 40006

License ID: 10692

closed, not in operation

| County: Warren | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|----------------|--------------|---------------|-------|-------------|-------------|------|------|-------|
|----------------|--------------|---------------|-------|-------------|-------------|------|------|-------|

Martin Marietta Materials

809 McGinnis Quarry Rd
Bowling Green, KY 42101

Ag Lime

License ID: 10638

8/25/2020 9/18/2020 94.8
Sample Number: LM-20-514

88.1 36.5 35.6 3.0 **59.1**

Martin Marietta Materials

2195 Barren River Rd
Bowling Green, KY 42101

Ag Lime

License ID: 10647

8/25/2020 9/18/2020 96.8
Sample Number: LM-20-513

96.4 51.1 36.3 3.5 **71.3**

| County: Wayne | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|---------------|--------------|---------------|-------|-------------|-------------|------|------|-------|
|---------------|--------------|---------------|-------|-------------|-------------|------|------|-------|

Bassett Stone Co

120 Victory Ave
Monticello, KY 42633

License ID: 10653

no sample

Agricultural Limestone Tested

Fall 2020

| County: zOut Of State | Date Sampled | Date Reported | CCE % | Sieve #10 % | Sieve #50 % | Ca % | Mg % | RNV % |
|--|--------------|--------------------------|-------|-------------|-------------|------|------|-------------|
| Farmers Lime Company | | | | | | | | |
| 8928 Brundidge Rd South Fulton, TN 38257 | | | | | | | | |
| License ID: | 10601 | No Data | | | | | | |
| O-N Minerals Luttrell Company | | | | | | | | |
| 486 Clinch Valley Rd Luttrell, TN 37779 | | | | | | | | |
| License ID: | 10649 | No Data | | | | | | |
| Jellico Stone Company | | | | | | | | |
| Hwy 25 Jellico, TN 37762 | | | | | | | | |
| License ID: | 10652 | No Data | | | | | | |
| E Dillon & CO | | | | | | | | |
| 2522 Swords Creek Rd Swords Creek, VA 24649 | | | | | | | | |
| License ID: | 10661 | No Data | | | | | | |
| Hanson Aggregates Midwest LLC/Scott Co Quarry | | | | | | | | |
| 313 SR 203 Lexington, IN 47138 | | | | | | | | |
| License ID: | 10684 | No Data | | | | | | |
| Hanson Aggregates Midwest LLC/Versailles Quarry | | | | | | | | |
| 606 W Co Rd 300 South Versailles, IN 47042 | | | | | | | | |
| License ID: | 10687 | No Data | | | | | | |
| Tennessee Valley Resources, INC | | | | | | | | |
| 1889 Flat Gap Rd | | | | | | | | |
| <u>Ag Lime, sampled at Chiles Ag, Murray KY</u> | | | | | | | | |
| Jefferson City, TN 37760 | 8/20/2020 | 9/11/2020 | 83.1 | 99.8 | 72.9 | 16.4 | 9.2 | 71.8 |
| License ID: | 10704 | Sample Number: LM-20-505 | | | | | | |
| Kelly Limestone | | | | | | | | |
| 701 E La Harpe Suite B Kirksville, MO 63501 | | | | | | | | |
| License ID: | 23644 | No Data | | | | | | |
| The Andersons INC | | | | | | | | |
| 1947 Briarfield Rd Maumee, OH 43537 | | | | | | | | |
| License ID: | 23795 | No Data | | | | | | |

Agricultural Limestone Tested

Fall 2020

12/9/2020
Page 18 of 19

Oldcastle Lawn and Garden

Hwy A 58 W

Castlewood, VA 24224

License ID: 25097 No Data

Austinville Limestone Inc

223 Newtown Church Rd

Austinville, VA 24312

License ID: 26279 No Data

Winn Materials, LLC

800 Barge Point Rd

Clarksville, TN 37042

License ID: 27096 No Data

Apac Brickeys Stone

13588 Brickeys Rd

Bloomsdale, MO 63627

License ID: 31370 No Data

Calcium Products

50602 330th Street

Gilmore City, IA 50541

License ID: 34333 No Data

Turf Care Supply Corp

50 Pearl Rd STE 200

Brunswick, OH 44212

License ID: 35828 No Data

Shawnee Stone, LLC

1275 Jonesboro Quarry Rd

Anna, IL 62906

License ID: 36540 No Data

Agricultural Limestone Tested

Fall 2020

12/9/2020
Page 19 of 19

Total Companies: 69

Total Tests: 72

Results are from Official samples taken by UK Division of Regulatory Services Inspectors.

Resources on Ag Lime:

ID-163, Agricultural Lime Recommendations Based on Lime Quality:

<http://www2.ca.uky.edu/agcomm/pubs/id/id163.pdf>

Economic Lime Calculators: <http://soils.rs.uky.edu/calculators/>

<http://soils.rs.uky.edu/calculators/>

The above described Ag Lime was sampled and analyzed under contractual agreement with the Kentucky Department of Agriculture pursuant to the Kentucky Ag Lime Law. Questions concerning this report should be sent to: Frank Sikora, Director of Laboratories and Soils Program