



Ohio Aglime Council

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**PROTECT YOUR INVESTMENT & YOUR YIELDS,
BALANCE YOUR SOIL WITH OHIO AGLIME**

**VISIT OAIMA.ORG TO FIND
A PRODUCER NEAR YOU**

OHIO AGLIME COUNCIL
746 Morrison Road
Gahanna, Ohio 43220
1 800 OH ROCKS
www.oaima.org



*Information Source:
Ohio Geological Survey, GeoFacts No. 26*



2020 OHIO AGLIME SAMPLE ANALYSIS

				Sieve Analysis (Mesh Size)				Ca	Mg	ENP Pounds	TNP (CCE)	Moisture
Company Name	County	Plant Location	Source Address	#8	#20	#60	#100	%	%	Per Ton	%	%
Shelly Materials Inc.	Muskingum	East Fultonham	16305 Saltillo Rd., East Fultonham OH 43735	96	74	51	44	27.4	4.5	1172	88.6	4.2
Shelly Materials, Inc	Union	Ostrander	8328 Watkins Rd., Ostrander, OH 43061	94	64	41	36	29.3	6	1172	99.9	3.9
Arch Materials	Clermont	Batavia	4438 State Route 276, Batavia, OH 45103	98	57	32	26	36	1.2	1002	95.4	4.7
Piqua Materials	Miami	Piqua	1750 W. St. Atler Rd., Piqua OH 45356	97	88	64	50	33.4	2.9	1522	98.3	3.2
Hanson Aggregates Eagle Stone	Brown	Winchester	13526 Overstake Rd., Winchester OH 45697	97	68	43	35	32.8	1.1	1055	84.7	2.6
Olen Corporation	Franklin	Columbus	4755 South High St., Columbus OH 43207	100	99	86	68	32.9	3.4	1655	97.8	9.8
Area Aggregates	Sandusky	Woodville	659 Anderson Rd., Woodville OH 43469	100	99	95	74	21.6	12.1	1935	106.3	6.8
Lehigh Hanson	Lucas	Sylvania	4100 Centenial Rd., Sylvania OH 43560	100	100	99	93	23.2	10.4	1812	101.2	10
Lehigh Hanson	Seneca	Bloomville	4575 S. County Rd 49, Bloomville, OH 44818	100	72	39	32	27.7	4.6	1096	90.4	5.5
Lehigh Hanson/Sandusky Crushed Stone	Erie	Castalia	9220 Portland Rd.,Castalia, OH 44824	96	66	43	37	30	4.6	1168	96.8	3.8
National Lime & Stone - Aglime Coarse	Crawford	Bucyrus	4580 Bethel Rd., Bucyrus OH 44820	82	53	34	28	31.2	4.8	983	99.4	3.2
National Lime & Stone - Aglime Fine	Crawford	Bucyrus	4580 Bethel Rd., Bucyrus OH 44820	97	78	56	48	31.2	4.7	1416	99.6	2.8
National Lime & Stone	Wyandot	Carey	370 North Patterson St., Carey OH 43316	100	99	92	81	21.6	11.9	1914	105.5	6.3
National Lime & Stone	Delaware	Delaware	2406 S. Section Line Rd., Delaware OH 43015	98	79	54	47	28.4	5.8	1337	97.5	5.8
National Lime & Stone	Wyandot	Upper Sandusky	7330 St. Rt. 199, Upper Sandusky OH 43351	100	100	100	97	21.6	11.8	2085	104.5	0.2
National Lime & Stone	Marion	Marion	700 Likens Rd., Marion OH 43302	96	79	58	50	29.5	6	1380	99.5	6.2
StoneCo	Paulding	Oakwood	13762 Rd. 179, Oakwood OH 45873	99	85	53	45	28.7	6.9	1498	102.1	2.6
StoneCo	Mercer	Celina	6430 Karch Rd., Celina OH 45822	99	74	40	31	22.1	12.9	1361	107.7	3.5
StoneCo	Wood	Portage	11580 S. Dixie Hwy., Portage OH 43451	99	96	89	83	21.1	12.3	1646	103.6	15.3
Cardinal Aggregate, Inc.	Wood	Perrysburg	8026 Fremont Pike, Perrysburg OH 43551	95	91	88	86	21.6	12.2	1690	104.7	11.1
StoneCo	Hardin	Forest	3798 SR 53, Forest OH 45843	88	63	45	40	21.7	12.3	1228	105.5	4.4
StoneCo	Lucas	Maumee	3800 Bolander Rd., Clay Center OH 43408	98	96	94	92	20.5	11.6	1711	99.8	10.1
StoneCo	Wyandot	Carey	1794 County Rd 99, Carey, OH 43316	98	88	63	48	22.3	12.6	1600	106.9	6
StoneCo	Ottawa	Clay Center	1794 County Rd 99, Carey, OH 43316	98	96	94	93	20.6	11.7	1815	100.3	5.5

WHAT CAN AGLIME DO FOR YOU?

Aglime neutralizes soil pH and cuts fertilizer cost by making fertilizer more available to plant roots.

Fertilizer that contains nitrogen, phosphorus, potassium and other essential nutrients are dramatically affected by soil acidity. Most fertilizers are more effective in slightly acidic to neutral soils.

Aglime boosts the performance of certain herbicides.

As with fertilizer, modern herbicides are most effective when soil pH is slightly acidic (pH of 6.5) to neutral (pH of 7.0). When soils are more acidic, herbicides attach to soil particles, reducing their ability to control weed growth.

Aglime improves the chemical, biological and physical conditions of the soil.

Water filtration, drainage, and the healthy growth of beneficial microorganisms are improved by the proper application of Aglime

The proper application of Aglime cuts down on the amount of fertilizers and herbicides needed.

Runoff of fertilizers and herbicides is reduced.

WHY AGLIME?

Increase efficiency!

Reduce Runoff!

Reduce Costs!

Increase Profits!

Improve the Bottom Line!

FERTILIZER EFFICIENCY CHART

Limestone makes your fertilizer work. Fertilizer efficiency goes up as soil acids go down.

SOIL ACIDITY	NITROGEN	PHOSPHATE	POTASIMUM
EXTREMELY ACID 4.5 pH	30%	23%	33%
VERY STRONG ACID 5.0 pH	53%	34%	52%
STRONGLY ACID 5.5 pH	77%	48%	77%
MEDIUM ACID 6.0 pH	89%	52%	100%
NEUTRAL 7.0 pH	100%	100%	100%

Four Year Rotation of Corn, Soybeans, Wheat and Clover

SOIL ACIDITY	PERCENT UTILIZED			FERTILIZER WASTED	COST OF FERTILIZER WASTED/ACRE*
	% OF NITROGEN	% OF PHOSPHATE	% OF K POTASIMUM (POTASH)		
EXTREMELY ACID 4.5 pH	30	23	33	71%	\$213
VERY STRONG ACID 5.0 pH	53	34	52	54%	\$162
STRONGLY ACID 5.5 pH	77	48	77	33%	\$99
MEDIUM ACID 6.0 pH	89	52	100	20%	\$60
NEUTRAL 7.0 pH	100%	100%	100%	0%	\$0

*Based on a conservative application of 200N, 100P, 100K at \$300 per acre