

Lawn & Garden #3

Lawn & Garden #3 is a large granular CaCO₃ products processed from quarried high calcium limestone in Alden with minimum calcium content of 38%



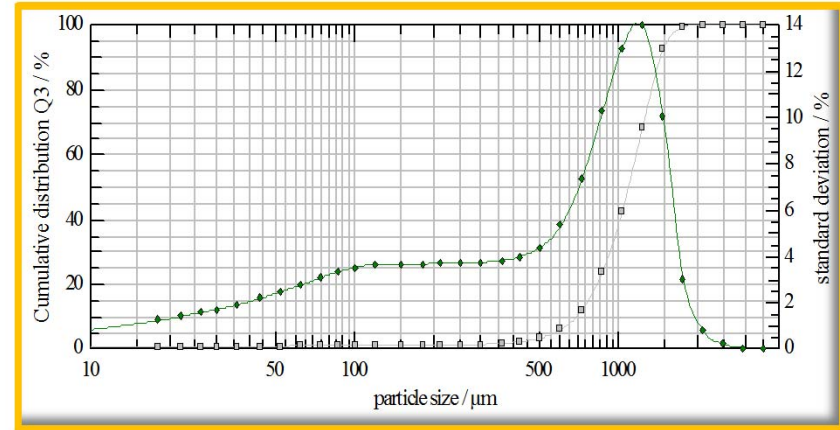
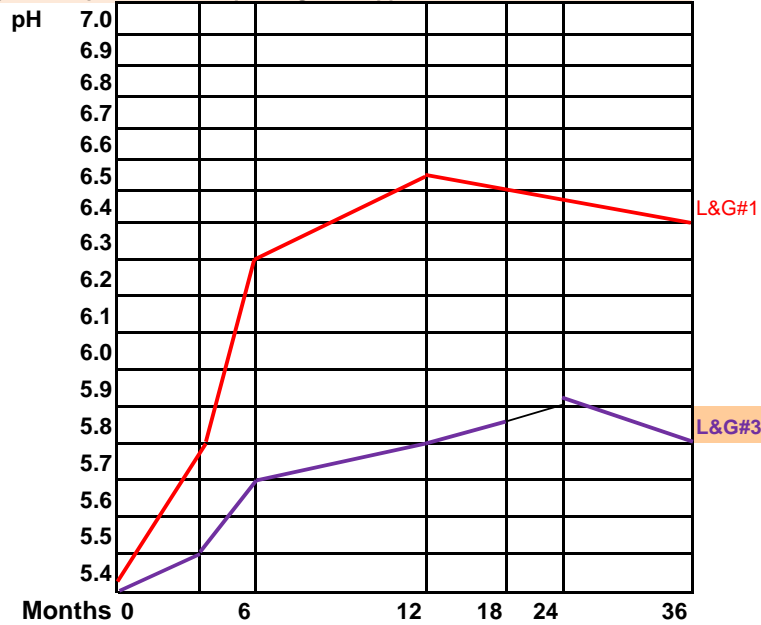
Alden, IA

Particle Size Measurement -- Laser Diffraction

Average Particle Size = **1088.76** microns

Ave particle size: half of the particles are above and half are below this point on the "S" shaped cumulative distribution graph.

Change in soil pH over time -- post AgLime Application



Typical Analyses					
Magnesium (Mg)	0.118	%	Nickel (Ni)	< 5	ppm
Silicon (Si)	0.07	%	Cobalt (Co)	< 5	ppm
Silica (SiO ₂)	0.14	%	Copper (Cu)	29	ppm
Iron (Fe)	0.145	%	Zinc (Zn)	118	ppm
Sodium (Na)	0.021	%	Cadmium (Cd)	< 5	ppm
Potassium (K)	0.009	%	Iodine (I)	2	ppm
Sulfur (S)	0.888	%	Arsenic (As)	< 5	ppm
Manganese (Mn)	0.015	%	Beryllium (Be)	< 5	ppm
Phosphorus (P)	0.007	%	Selenium (Se)	0.252	ppm
Chloride (Cl)	0.004	%	Mercury (Hg)	< 0.05	ppm
Chromium (Cr)	7	ppm	Vanadium (V)	< 5	ppm
Aluminum (Al)	107	ppm	Molybdenum (Mo)	< 5	ppm
Boron (B)	10	ppm	Fluorine (F)	< 1	ppm
Barium (Ba)	< 5	ppm	Bismuth (Bi)	< 5	ppm
Lead (Pb)	< 5	ppm	Antimony (Sb)	< 5	ppm

% Ca	39.53
% CaCO ₃	98.83
H ₂ O	< 0.5%
Bulk Density	(lbs./cu.ft.)
Loose:	77
Packed:	83

Particle Distribution--U.S. Screen Comparison			
12 X 35 mesh product			
Micron Size	U.S. Screen	% Retained	% Passing
2000	10	0.3	99.8
1700	12	1.7	98.1
1400	14	12.0	86.1
1180	16	23.2	62.9
1000	18	23.3	39.6
710	25	28.4	11.2
500	35	8.1	3.1
425	40	1.1	2.0
355	45	0.6	1.4
300	50	0.3	1.1
212	70	0.3	0.7
180	80	0.1	0.6
150	100	0.0	0.6
75	200	0.1	0.6
10	Pan	0.6	
		100.0	

Data presented from monthly composite testing is typical of product. However, no warranties or claims of specific performance is implied or given.