

AgLime #1

AgLime #1 is a small granular CaCO₃ product processed from quarried high calcium limestone in Alden, IA with minimum calcium content of 38%



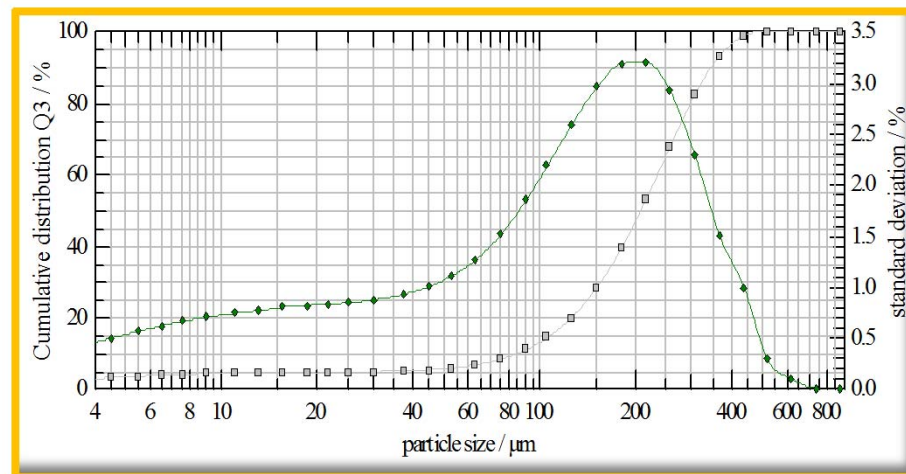
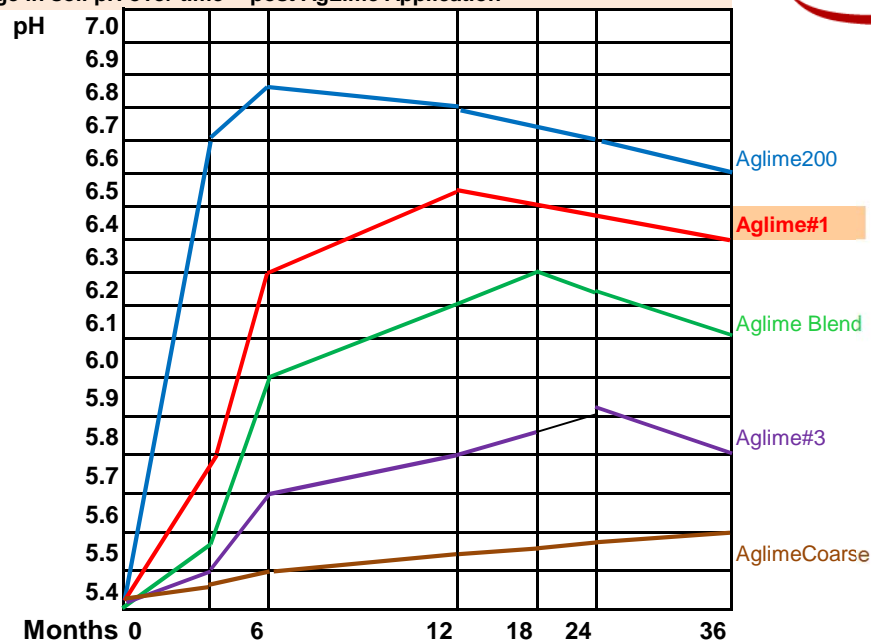
Alden, IA

Particle Size Measurement -- Laser Diffraction

Average Particle Size = **207.17** 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

Calculated Values Based on Test Data

	IA-NE-SD-IL	KS-OK	MN	MO	WI
	ECCE	ECC	ENP	ENM	NI
Aglime#1	1561	81	1695	672	85

% Ca	39.27
% CaCO₃	98.18
H ₂ O	< 0.5%
Bulk Density	(lbs./cu.ft.)
Loose:	81
Packed:	89