GLC Minerals
Essential elements for growth

UltraMag

UltraMag: Dolomitic Aglime

PURITY

The chemical purity of aglime is represented by the calcium carbonate equivalent (CCE) number which is determined in the lab. UltraMag has a CCE of 102.

FINENESS

Aglime made of finely ground particle sizes reacts more quickly with soil than larger particle sizes because more surface area is exposed. More exposed surface area increases solubility. UltraMag has a fineness factor of 99.8.

Fineness Index = 20% x (%Particles between 20 & 8 mesh) + 60% x (% Particles between 60& 20 mesh) + 100% x (% Particles Passing 60 mesh)

NEUTRALIZING INDEX

In Wisconsin, aglime quality is categorized by the neutralizing index. The neutralizing index is calculated by multiplying the purity and fineness factors. UltraMag has a Neutralizing Index of 102.

Neutralizing Index = Fineness Factor x (%CCE/100)

Mined limestone is 100% natural!

Compact Bulk Density: 86 lbs /cubic foot
Loose Bulk Density: 76 lbs/cubic foot

TYPICAL CHEMICAL ANALYSIS

Chemical Compound		% of Sample
Calcium Carbonate	$CaCO_3$	54.00
Elemental Calcium	Ca	21.16
Magnesium Carbonate	$MgCO_3$	45.20
Elemental Magnesium	Mg	12.48

AVERAGE PARTICLE SIZE

U.S. Mesh Screen	% Retained	% Passed
8	0.0	100
20	0.5	99.5
60	3.0	96.5
Pan	96.5	

Revised 11/2021