

90 UltraCal Blend: UltraCal (Hi-Cal Aglime) + UltraMag (Dolomitic Aglime)

As a producer, knowing good value is critical to your success. The investment in aglime as a soil amendment makes good sense when lower soil pH affects your bottom line.

VALUE

GLC Minerals' UltraCal Blend aglime offers the benefit of a high elemental calcium input, (37) when the soil can support a little extra elemental magnesium, (1.8). Blended from GLC's UltraCal high calcium and UltraMag dolomitic aglime, UltraCal Blend offers superior neutralizing compared to local pit lime. Fast acting means your soil is primed for yield and profit with your next planting. Sourced off outdoor stockpiles, the dual aglime components are field blended by the producer prior to application.

BLENDING COMPONENTS

The UltraCal blend is a proprietary combination of the GLC Minerals' UltraCal and UltraMag naturally mined limestones.

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. UltraCal has a CCE of 101.

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)

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.

Mined limestone is 100% natural!

Compact Bulk Density: 86 lbs /cubic foot

Loose Bulk Density: 76 lbs/cubic foot

Moisture (outside): 5.5-6.5%

MINIMUM GUARANTEED ANALYSIS

Minimum Chemical Compound		% of Sample
Calcium Carbonate	CaCO ₃	92.7
Elemental Calcium	Ca	37
Magnesium Carbonate	MgCO ₃	6.32
Elemental Magnesium	Mg	1.8

AVERAGE PARTICLE SIZE DISTRIBUTION

U.S. Mesh Screen	% Retained	% Passing
8	0	0
20	0.5	99.5
60	2.1	97.4
100	97.4	0.0

Specifications	UltraMag	UltraCal Blend	UltraCal
Purity (CCE)	102	101	101
Neutralizing Index	102		
Fineness	99.8		