

Calcitic Limestone

Powered by



The Fast Acting, **XTREME** Catalyst for Plant Health

DESCRIPTION

AMPXC™ on High Calcium Lime is a multicoated homogenous product formulated by TurfCare Supply. Calcitic Limestone powered by AMPXC™ is a combination of pelletized High Calcium Lime, 100% soluble Humic, EDTA (100% soluble Fe), and G120. This combination of ingredients activates several beneficial biological and environmental responses in the plant and soil.

High Calcium Pelletized Limestone provides an instant supply of calcium to the soil and plant and assists with maintaining and adjusting soil PH.

The Humic substance utilized in AMPXC™ is 100% soluble. Humic substances arise by the microbial degradation of biomolecules (lipids, proteins, carbohydrates, lignin) dispersed in the environment after the death of living cells. Humic is an organic bio-stimulant that acts as a natural chelator and has many hormone-like effects within a plant.

Chelated iron is a form of iron that is readily available for absorption by turf. This allows for immediate results due to high availability when added to the soil. Iron is involved in the production of chlorophyll, the part of the plant cell that accounts for the green color. The lack of iron leads to chlorosis or yellowing of the lawn. Adding iron allows for a higher rate of chlorophyll production.

G120 is a patented formulation of Amino Acids and Proteins. G120 is an activator of the GABA shunt. GABA is a molecule that signals the plant to regulate many different activities including but not limited to osmoregulation, carbon:nitrogen uptake and utilization, the Tri-Carboxylic Acid Cycle, the pH of the cellular cytosol, nitrogen metabolism, and amino acid synthesis.

COMPOSITION

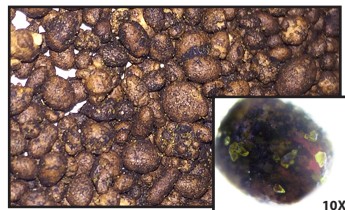
Calcium (Ca)	Up to 34.8%
Calcium Carbonate (CaCO ₃)	Up to 87.0%
Calcium Oxide (CaO)	Up to 47.5%
Total Magnesium (Mg)	Up to 0.5%
Magnesium Carbonate (MgCO ₃)	Up to 1.7%
Magnesium Oxide (MgO)	Up to 0.8%
Iron	Up to 0.2%
Water Soluble Iron	Up to 0.2%
Humic Solution	≥ 2%
Moisture Content Does Not Exceed 2%	

PHYSICAL APPEARANCE

Color: Deep dark brown with specks of gold and amber highlights

Shape: Granular in nature

Size: SGN averages 270



BENEFITS

- Maintains / improves soil PH levels
- Enhances the plants green color through increased photosynthesis and chlorophyll concentrations
- Stimulates root growth leading to thicker and more stable turf
- Temperature and drought hardiness, improving turfs ability to survive longer into winter months and in drought conditions
- Improved tolerance to stress
- Amplified usage of nutrients (both micro and macro) within the soil
- Improves utilization of calcium, magnesium, potassium and other cations difficult to consume from the soil
- Stimulates soil microorganisms with more efficient breakdown of organic matter
- Acts as a natural chelator (binder)
- Increase in shoot and blade production

APPLICATION RATES*

- To maintain soil pH and optimum growing conditions, apply Calcitic Limestone powered by AMPXC™ at 6 lbs. per 1,000 ft² or 260 lbs. per acre. Two applications a year are recommended. A 50 lb. bag covers 8,250 ft²
- To adjust pH, apply Calcitic Limestone powered by AMPXC™ at 11.5 pounds per 1,000 ft² or 520 pounds per acre, or as needed. Multiple applications may be necessary after retesting. 50 lb. bag covers 4,350 ft²
- **Split applications of 6 lbs per 1000 sq. ft. may be used but, a single application of 11.5 lbs of this product provides the optimal amount of AMPXC™ for best performance.**

*The above application rates are general recommendations and may not apply to the specific soil conditions present at time of application.

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