



Guaranteed Analysis

TOTAL CALCIUM (Ca)	36.50%
Calcium Carbonate (CaCO ₃)	91.25%
Calcium Oxide (CaO)	51.10%
TOTAL MAGNESIUM (Mg)	0.50%
Magnesium Carbonate (MgCO ₃)	1.74%
Magnesium Oxide (MgO)	0.83%
Effective Neutralizing Value (ENV)	84.51%
TOTAL NEUTRALIZING VALUE (TNV) CCE (CaCO ₃)	88.73%

Derived from Calcium Carbonate and Magnesium Nitrate

Non-Plant Food Ingredients

Calcium Lignosulfonate and Lignosulfonic Acid act as a complexing and binding agent.

Typical Sieve Analysis Prior To Granulation

% Passing (Before Pelletizing)

100% passing	20 Mesh Sieve
95% passing	60 Mesh Sieve
93% passing	100 Mesh Sieve

Typical Properties

Moisture (%)

pHusion Calcitic Limestone is a calcitic pelletized limestone that is reacted with an organic acid. This unique organic acid is a combination of Calcium Lignosulfonate and Lignosulfonic Acid. University tests show that 500 lbs. of limestone treated with organic acid gives equal or better results than one ton of traditional pelletized limestone per acre. **pHusion Calcitic Limestone** increases the soil pH as much as 4 times faster than conventional limestone products at similar application rates.

When **pHusion Calcitic Limestone** is dissolved by water, the organic acid accelerates the reaction of releasing available Calcium and neutralizes the hydrogen (H⁺) ions in the soil. The Calcium Lignosulfonate and Lignosulfonic Acid convert the calcium in **pHusion Calcitic Limestone** into a more soluble form, readily available for plant uptake or pH adjustment. **pHusion Calcitic Limestone** addresses both the calcium needs of the plant, as well as the growing media pH. **pHusion Calcitic Limestone** will help achieve a uniform calcium profile throughout the soil.

pHusion Calcitic Limestone

Pelletized reacted Calcium Limestone that rapidly releases available Calcium and increases pH

Directions for Use:

Tees, Fairways, Sports Turf and Lawns: To maintain soil pH, apply 5 lbs. per 1,000 sq. ft. or 220 lbs. per Acre of **pHusion Calcitic Limestone** at least twice per growing season. Follow soil test(s) recommendations.

To adjust soil pH, apply 12 lbs. per 1,000 sq. ft. or 500 lbs. per Acre of **pHusion Calcitic Limestone**. This has the potential to raise the pH up to one full point (5.0 - 6.0) for soils that have a CEC of 10 or less, and to a soil depth of 4 inches. Retest and reapply, if needed, at this rate.

pHusion Calcitic Limestone is ideal for turf and horticultural application. Always use complete soil test(s) from a reputable laboratory to determine liming needs.

Spreader Settings for pHusion Calcitic Limestone

Application Rate: Pounds of product per 1,000 sq. ft.

Spreader Brand	Model	Swath Width	5 lbs. per 1,000 sq. ft. (220 lbs. per Acre)	12 lbs. per 1,000 sq. ft. (530 lbs. per acre)
Cyclone		14	4.5	5.5
Scotts	R-8A	12	O-P	U
Lesco	20093	14	G-H	L
Lesco	705698	14	16	22
Lely	W	33	7	9
Vicon	03 SERIES	25	20	28
50 lb Bag Size Bags per 1 acre			4.4	10.5
Spreader settings are an initial guideline for calibrating the spreader				
lbs/1,000 sq. ft. of Magnesium			0.03	0.06
lbs/1,000 sq. ft. of Calcium			1.83	4.38

Available Container Sizes:

50 lb. (22.7 kg) Bag

