



## Guaranteed Analysis

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

Derived from Calcium Carbonate

## 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 (%) .....	<1.2
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**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<sup>+</sup>) 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.



**PLANT  
FOOD  
COMPANY, INC.**

*The Liquid Fertilizer Experts*

# 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 Setting Rates	CYCLONE		SCOTTS		LESCO		LELY		VICON		Bags/ One Acre
	Setting	Width	Setting	Width	Setting	Setting	Setting	Width	Setting	Width	
5 lbs./1,000 sq. ft. or 200 lbs./Acre	4.5	14.5	O-P	12	G-H	#16	7	33	20	25	4.4 bags
12 lbs./1,000 sq. ft. or 500 lbs./Acre	5.5	14	U	12	L	#22	9	33	28	25	10.0 bags
Spreader Settings are an initial guideline for calibrating the spreader											

### Caution:

Keep away from children and domestic animals. Avoid contact with eyes, open cuts, or sores. Harmful if swallowed. External: Flood with water. Internal: Induce vomiting. Contact a physician immediately.

### Storage and Handling:

Store in a cool, dry place. Keep container tightly closed. Do not add water or other material to the container. Do not contaminate water, food, or feed by storage or disposal. Do not store near acids or other acidic materials.

### Available Container Sizes:

50 lb. (22.7 kg) Bag

PHCL