



## Guaranteed Analysis

Calcium (Ca).....	21.00%
Sulfur (S) Combined.....	16.00%
Calcium Sulfate Dihydrate (CaSO <sub>4</sub> · 2H <sub>2</sub> O)* .....	88.00%
Calcium Sulfate .....	70.00%
Water Soluble Binder.....	2.00%
Moisture (Max).....	1.00%

Derived from Calcium Sulfate

## 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 .....	10 Mesh Sieve
100% passing .....	20 Mesh Sieve
100% passing .....	60 Mesh Sieve
40% passing .....	100 Mesh Sieve

**pHusion Calcium Sulfate** is a pelletized calcium sulfate that is reacted with an organic acid. This unique organic acid is a combination of Calcium Lignosulfonate and Lignosulfonic Acid. **pHusion Calcium Sulfate** releases calcium dramatically faster than non-reacted gypsum, which means that it works faster.

When **pHusion Calcium Sulfate** is dissolved by water, the organic acid accelerates the reaction of releasing available Calcium and Sulfur in the soil. The Calcium Lignosulfonate and Lignosulfonic Acid convert the calcium in **pHusion Calcium Sulfate** into a more soluble form, readily available for plant uptake. **pHusion Calcium Sulfate** addresses both the calcium and sulfur needs of the plant. Use when calcium is required and you don't want to increase the soil pH. **pHusion Calcium Sulfate** will help achieve a uniform calcium profile throughout the soil.

This product is non-burning when used according to directions.

# pHusion Calcium Sulfate (Gypsum)

**Pelletized reacted Calcium Sulfate (Gypsum) that rapidly releases available Calcium without changing pH**

### Directions for Use:

**Tees, Fairways, Sports Turf and Lawns:** Apply 5 lbs. per 1,000 sq. ft. or 220 lbs. per Acre of **pHusion Calcium Sulfate** at least twice per growing season. Based on soil test(s), additional product may be needed due to low calcium or sulfur levels. On established turf, apply no more than 15 lbs. per 1,000 sq. ft. per application. Follow soil test(s) recommendations.

### Reducing High Sodium Levels:

After initial application, frequent applications of 5 - 15 lbs. per 1,000 sq. ft. of **pHusion Calcium Sulfate** throughout the growing season may be required to maintain optimum growing conditions. Rates should be determined on the basis of the soil and water tests. If Sodium (Na+) Base Saturation levels are higher than 2%, **pHusion Calcium Sulfate** applications should be considered.

### Application at Aerification:

Apply **pHusion Calcium Sulfate** at the rate of 5 - 15 lbs. per 1,000 sq. ft. Using a brush, lightly drag the granules into the aerification holes to move it into the soil. Irrigate after application to release the calcium sulfate.

**pHusion Calcium Sulfate** is ideal for turf and horticultural application. Always use complete soil test(s) from a reputable laboratory to determine calcium needs.

## Spreader Settings for pHusion Calcium Sulfate

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)	15 lbs. per 1,000 sq. ft. (660 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	13
Spreader settings are an initial guideline for calibrating the spreader				
lbs/1,000 sq. ft. of Calcium			1.05	3.15
lbs/1,000 sq. ft. of Sulfur			0.80	2.40

Available Container Sizes:

50 lb. (22.7 kg) Bag

