

MAG-I-CAL

Soil Food

FOR LAWNS IN ACIDIC SOILS



1,000 sq. ft. #11348
 5,000 sq. ft. #11353
 15,000 sq. ft. #11352

Adjust your soil pH with MAG-I-CAL and increase the ability of your grass to utilize nutrients in the soil.

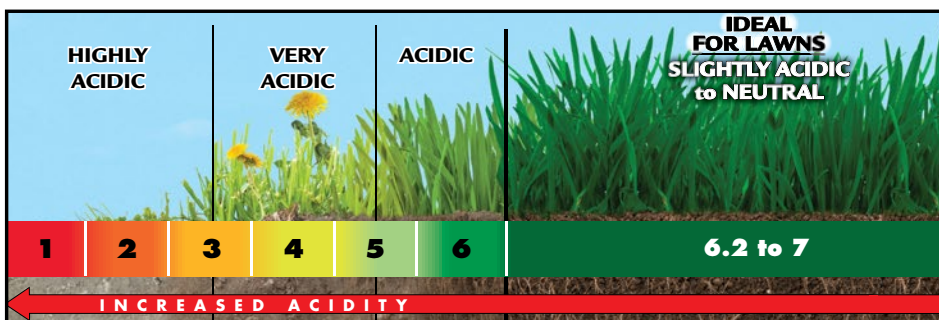
The Importance of Soil pH

Soil pH is an indicator of soil acidity or alkalinity, which is caused by the amount of hydrogen held on the exchange sites of clay and humus particles. If your pH is not balanced, then you will never enjoy a thick, healthy, dark-green lawn. Additionally, you can be wasting between 20% and 70% of your lawn fertilizer! Fertilizer nutrients aren't chemically active when clay and humus exchange sites "bind up" with hydrogen. MAG-I-CAL breaks the hydrogen bonds, frees up the exchange sites, and allows fertilizer nutrients to be fully released to the plant!

The Importance of Calcium in Mag-i-Cal

Calcium is present in most soils. It makes up about 4% of the earth's crust. Calcium is essential for many grass plant functions, especially cell division, cell elongation, cell wall development, nutrient uptake, enzyme activity, and plant metabolism. Calcium is not very mobile in the soil and often forms insoluble compounds with other elements. Therefore, a continuous supply is essential for the development of a healthy, attractive lawn.

- If pH is 6.0 - 6.4, apply MAG-I-CAL once a year
- If pH is 5.6 - 5.9, apply MAG-I-CAL in the spring and fall
- If pH is 5.1 - 5.5, apply MAG-I-CAL every other month until pH is above 5.5, then follow above suggestion
- If pH is 5.0 or below, MAG-I-CAL at 1.5 times the regular rate for three consecutive months. Two weeks after the third application, test pH then adjust application schedule accordingly



USE IN PLACE OF LIME

COVERAGE	REGULAR LIME	MAG-I-CAL
5,000 sq. ft.	5 Bags Needed	1 Bag Needed (5M)
15,000 sq. ft.	15 Bags Needed	1 Bag Needed (15M)

- Contains calcium, which is readily available for plant uptake or pH adjustment
- 20% to 70% of your lawn fertilizer is wasted when soil pH is not balanced
- Reduces stress, improves soil texture, aids in water uptake
- Releases trapped nutrients in the soil
- Contains humates for root development
- Great for establishing new seedings
- Apply at any time and in combination with any other product



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