

Case Study: Improved pH, Turfgrass Quality & Soil Health with Mineralift



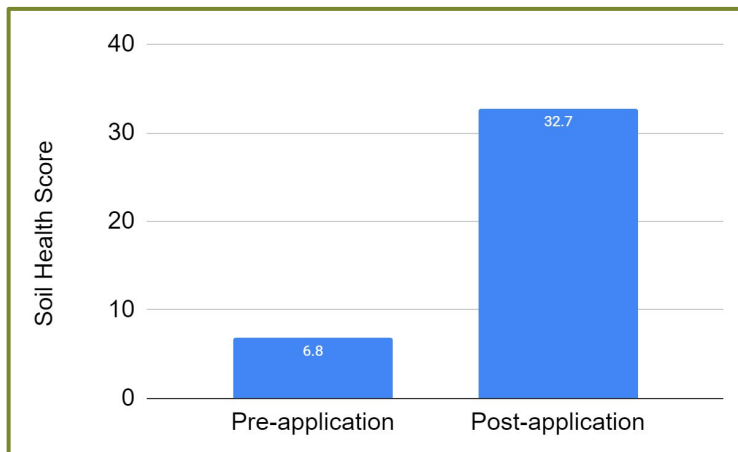
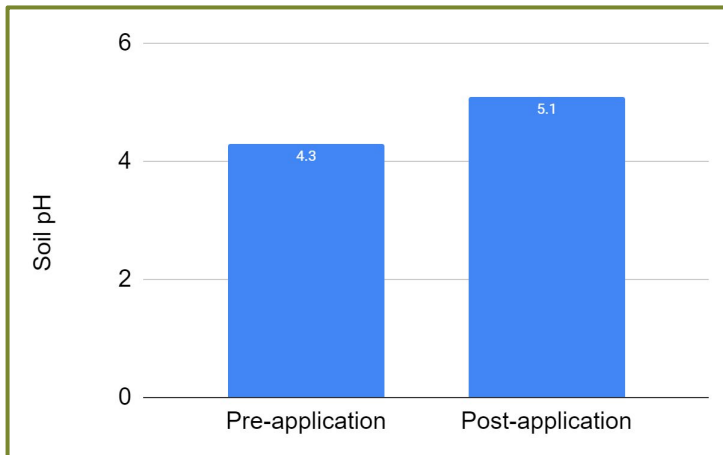
About The Study

Research trials conducted by Specialty Granules LLC tested Mineralift at the rate of 3 lbs. per 1000 sq. ft. applied to turfgrass (Kentucky Bluegrass) on sandy clay loam soil in Conocodell Golf Course (Fayetteville, PA). The goal was to determine the effect of Mineralift on overall turfgrass quality and soil health. Samples were tested one week before and three weeks after the application of Mineralift for changes in pH, color, microbial respiration, soil health score. Testing was performed by Midwest Laboratories.

Key Results

The pH of the turfgrass field was 4.3 for pre-application samples which is a common problem for the soils in the East coast. After the application of Mineralift, the pH of the soil increased to 5.1. Basalt fines have liming effect on the soil in addition to soil remineralization capability. Mineralift application rates could be adjusted to bring the pH levels to desired optimum levels.

The soil samples were tested for microbial respiration (one day CO₂ burst) and soil health score as well. The microbial respiration increased substantially from 57 to 305. The CO₂ burst test is a good indicator of microbial activity and soil health. It is dependent on the amount of carbon available to microbes. As the available carbon increases in the soil, microbial respiration will increase. Also, the overall soil health score increased from 6.8 to 32.7 for post treated samples. *See chart below.*



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SGI

Key Results

The application of Mineralift improved overall quality of the turfgrass(150-2) making it look a lot more healthier and greener. See pictures below.



SGI Mineralift

- Pelletized product is ready-to-apply, low dust, blendable with primary fertilizers. Naturally soluble upon contact with soil moisture.
- Source of secondary and micronutrients with activated humics for enhanced nutrient uptake and improved soil health.
- Remineralize soil and increase microbial activities.
- Naturally derived, safe for all applications, and OMRI-listed for organic use



Find Out More

Mineralift is available for sale in a variety of volumes to meet your needs. Find out more by contacting:

agriculture@specialtygranules.com
866-266-8504

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