

## MLSN

### Minimum Levels for Soil Nutrition Guidelines

The Minimum Level for Sustainable Nutrition (MLSN) Guideline is a new, more sustainable approach to managing soil nutrient levels that can help you to decrease fertilizer inputs and costs, while still maintaining desired turf quality and playability levels.

There are many other effective soil nutrition guidelines available that identify higher levels of nutrients than those shown below. The MLSN guidelines were developed in a joint project between PACE Turf and the Asian Turfgrass Center. All soil analyses were conducted at Brookside Laboratories, New Bremen, OH.

	<b>MLSN Soil Guideline</b>
pH	>5.5
Potassium (K ppm)	37
Phosphorus (P ppm)	21
Calcium (Ca ppm)	331
Magnesium (Mg ppm)	47
Sulfur as sulfate (S ppm)	7

Nitrogen requirements are best determined based on [turf growth potential](#), which incorporates site-specific weather and turf type to calculate nitrogen demand.

For more information, see the [Facebook MLSN page](#)