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"Grass is the forgiveness of Nature -- her constant benediction. Fields trampled with battle, saturated with blood, torn with the ruts of cannon, grow green again with grass, and carnage is forgotten. Streets abandoned by traffic become grass-grown like rural lanes, and are obliterated. Forest decay, harvests perish, flowers vanish, but grass is immortal."

John James Ingalls 1841

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All lawns would flow together seamlessly into neighbors, giving the impression that we can all live together peacefully

Fredcrick Law Olmstead 1868

Lawn is the curse of suburban man. The great green god he sprays to.

Time Magazine 1991



















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Reimagining the American Lawn: A Search for Environmental Harmony

Frank S. Rossi, Ph.D. Urban Greenspace Institute Cornell university



Reimagining the American Lawn

- ~Climate based
- ~Emission focused
- ~Inputs Optimized
- ~Benefits Measured







Reimagining the American Lawn ~Climate based ~Emission focused ~Inputs Optimized

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- ~Inputs Optimized
- ~Benefits Measured

















Reimagining the American Lawn ~Climate based ~Emission focused ~Inputs Optimized

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Soil Health?









Soil Health Test

- Designed for production agriculture and sets ideal ranges for soil physical, chemical and biological properties.
- ✓ Physical Properties most important in perennial grass systems.
- ✓ Organic Matter production of grasses is significant and often support excellent chemical and biological properties.











chemical and physical analysis.

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All Non-Nitrogen Nutrients Interpretation Soil Test pН >5.5 6-7.5 Potassium (K ppm) >37 >110 Phosphorus (P ppm) >21 >50 Calcium (Ca ppm) >331 >750 Magnesium (Mg ppm) >47 >140 Sulfur as sulfate (S ppm) 15-40 >7 MLSN guidelines developed by Pace Turf





















































Shade tolerant
Warm season
grassStiltgrass
ControlPre app
earlier
than
crabgrass













