30%
SUBSTAIN-N®
SLOW RELEASE NITROGEN

SUBSTAIN-N® 30-0-0
SOUTHEASTERN TURF APPLICATION GUIDE

30% Total N® – Controlled-Release Nitrogen
Product Specs: 10.50 lb/gal | 3.15 lb N/gal | 0.0246 lb N/fl oz

Turf Selection & Nitrogen Management

Use the turf type, growth season, soil test, irrigation and mowing intensity to set the nitrogen budget. Rates are grade-adjusted to supply comparable actual nitrogen, not a fixed volume for every grade.

Common Southeastern Turf Types	Nitrogen Approach
Bermudagrass - common, hybrid, ultradwarf	Higher demand in active growth
St. Augustinegrass - Floratam, Palmetto, CitraBlue	Moderate; avoid overfeeding
Zoysiagrass - Empire, Zeon, Meyer	Moderate; monitor growth
Bahiagrass - Pensacola, Argentine	Low to moderate demand
Centipedegrass	Low demand; conservative N
Seashore paspalum	Site- and salinity-specific
Carpetgrass; buffalograss (limited areas)	Low-input, site-dependent
Tall/fine fescue, ryegrass, Kentucky bluegrass	Cool-season / overseeding

Application Rate Reference

Select the lower rate for sensitive turf.

Program	FL OZ / 1,000 SQ FT	LB N / 1,000 SQ FT	Timing
Light foliar / color support	3.0 - 8.0	0.07 - 0.20	7-14 d
Golf greens, tees / fine turf	5.0 - 11.0	0.12 - 0.27	7-14 d
Fairways / sports turf	6.0 - 18.0	0.15 - 0.44	14-28 d
Fertigation N supplement	11.0 - 21.0	0.27 - 0.52	As needed

Application Precautions

- Apply during active growth; avoid heat, drought, frost and moisture stress.
- Foliar spray: provide uniform coverage; avoid air temperatures above 90° F with RH below 30%.
- Jar-test tank mixes; avoid acids and incompatible copper/zinc alloys. Test small areas first.
- Follow local turf fertilizer BMPs, seasonal restrictions and annual N limits.

TRADEMARK NITROGEN

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