28%
SUBSTAIN-N®
SLOW RELEASE NITROGEN

# SUBSTAIN-N® 28-0-0
## SOUTHEASTERN TURF APPLICATION GUIDE

## 28% Total N® – Controlled-Release Nitrogen
Product Specs: 10.60 lb/gal | 2.97 lb N/gal | 0.0232 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 - 0.19 | 7-14 d |
| Golf greens, tees / fine turf | 5.0 - 11.0 | 0.12 - 0.26 | 7-14 d |
| Fairways / sports turf | 6.0 - 18.0 | 0.14 - 0.42 | 14-28 d |
| Fertigation N supplement | 11.0 - 21.0 | 0.26 - 0.49 | 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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