

Driven by nature. Backed by science.

TECHNICAL DATA SHEET

7-2-1

Large grade SGN 250

Sigma 7-2-1 Bio

Higher organic nitrogen for heavy-feeding turf

A high-nitrogen organic blend with humic acids and the Sigma biology, for turf that needs an extra nitrogen boost while building the soil.

Guaranteed analysis

Total nitrogen (N)	**7.0%**
Water-soluble nitrogen	**1.9%**
Water-insoluble nitrogen	**5.1%**
Available phosphate (P_2O_5)	**2.0%**
Soluble potash (K_2O)	**1.0%**
Calcium (Ca)	**5.0%**
Iron (Fe)	**0.1%**

Derived from processed poultry manure and feather meal. *5.1% slowly available water insoluble Nitrogen (N) from processed poultry manure and feather meal.

Biology and carbon

Humic acids	**3.0%**
Beneficial bacteria	**2,800,000 CFU / lb**
Endomycorrhizae	**6.1 propagules / lb**
Trichoderma	**480,000 CFU / lb**

GranCORE granule

Powder granulated into a true round granule with a molasses / lignin sulfonate binder: consistent bulk density and spread. Every prill is individually inoculated with Sigma Bio. OMRI-listed organic inputs.

Where it fits

- Fairways, roughs and sports fields needing more N
- Heavy-feeding turf in the growing season
- Pre-plant broadcast or incorporation

Label application rates · turf

USE	LB / 1,000 FT²	LB / ACRE	N / 1,000 FT²
Golf · low	**7**	**305**	**0.50 lb**
Golf · medium	**11**	**479**	**0.75 lb**
Golf · high	**14**	**610**	**1.0 lb**
Lawns · medium	**11**	**479**	**0.75 lb**
Lawns · high	**14**	**610**	**1.0 lb**

Trees and palms: per inch of trunk caliper, 3.5 lb incorporated at transplanting or 7 lb broadcast.

Product per pound of nitrogen

TO APPLY	PRODUCT / 1,000 FT²	PER ACRE
0.25 lb N / 1,000 ft²	**3.6 lb**	156 lb / acre
0.5 lb N / 1,000 ft²	**7.1 lb**	311 lb / acre
0.75 lb N / 1,000 ft²	**10.7 lb**	467 lb / acre
1.0 lb N / 1,000 ft²	**14.3 lb**	622 lb / acre

Packaging: 50 lb poly bag (22.68 kg) · 2,000 lb tote (907 kg) · bulk load.
Application: calibrated rotary or drop spreader; irrigate 0.15–0.25 in. or time before rainfall. Store dry.

Values from the product label. Always read and follow the product label; confirm state registration.