

Driven by nature. Backed by science.

TECHNICAL DATA SHEET

16-2-3

Bridge blend · SGN 250

Sigma 16-2-3 Bio Bridge

High nitrogen, nearly all slowly available

The highest-nitrogen Bridge: polymer-coated urea and organic nitrogen on Sigma's biological granule, with 3% calcium, micronutrients and humic acids. More nitrogen per pass with a steady release.

Guaranteed analysis

Total nitrogen (N)	**16.0%**
Urea nitrogen	**12.46%**
Water-soluble nitrogen	**0.86%**
Other water-insoluble nitrogen*	**2.68%**
Available phosphate (P_2O_5)	**2.0%**
Soluble potash (K_2O)	**3.0%**
Calcium (Ca)	**3.0%**
Sulfur (S)	**0.08%**
Micronutrients **B 0.02% · Cu 0.05% · Fe 0.2% · Mn 0.05% · Mo 0.0005% · Zn 0.05%**	

Derived from Polymer Coated Urea, Sodium Borate, Copper Sulfate, Iron Oxide, Ferrous Sulfate, Manganese Oxide, Manganese Sulfate, Molybdic Oxide, Zinc Oxide, Zinc Sulfate, Processed Poultry Manure, Bone Meal, Feather Meal, and Sulfate of Potash. * 12.46% slowly available Urea Nitrogen (N) from Polymer Coated Urea. ** 2.68% slowly available water insoluble Nitrogen (N) from processed poultry manure, bone meal and feather meal.

Biology and carbon

Humic acids	**2.0%**
Beneficial bacteria	**1,990,000 CFU / lb**
Endomycorrhizae	**4.17 propagules / lb**
Trichoderma	**336,000 CFU / lb**

Bridge blend

Sigma's biological granule (humic acids, Bacillus, mycorrhizae, Trichoderma) blended with polymer-coated urea and organic nitrogen for a slow, steady release.

Where it fits

- Fairways, roughs and sports fields in active growth
- Warm-season turf in the growing season
- Sod production and high-nitrogen programs
- Fewer passes for the same nitrogen budget
- Sites with adequate phosphorus and potassium

Label application rates · turf

USE	LB / 1,000 FT²	LB / ACRE	N / 1,000 FT²
Golf · low	**3**	**131**	**0.50 lb**
Golf · medium	**4.75**	**207**	**0.75 lb**
Golf · high	**6.25**	**272**	**1.0 lb**
Turf · medium	**4.75**	**207**	**0.75 lb**
Turf · high	**6.25**	**272**	**1.0 lb**

Trees and palms: per inch of trunk caliper, 1.5 lb incorporated at transplanting or 3.0 lb broadcast.

Product per pound of nitrogen

TO APPLY	PRODUCT / 1,000 FT²	PER ACRE
0.25 lb N / 1,000 ft²	**1.6 lb**	68 lb / acre
0.5 lb N / 1,000 ft²	**3.1 lb**	136 lb / acre
0.75 lb N / 1,000 ft²	**4.7 lb**	204 lb / acre
1.0 lb N / 1,000 ft²	**6.2 lb**	272 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.