

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

- Lawns and turf in active growth
- Commercial landscapes and sports fields
- Ornamentals and nursery stock
- Vegetables: incorporate 2 to 3 weeks before planting
- Private label and custom blends

General application rates

USE	SIGMA 16-2-3 BIO BRIDGE
Lawns and turf · 0.5 lb N / 1,000 ft^2	3.1 lb / 1,000 ft^2
Lawns and turf · 1 lb N / 1,000 ft^2	6.2 lb / 1,000 ft^2
Gardens and beds · 1 lb N / 1,000 ft^2	0.6 lb / 100 ft^2
Field crops · 50 lb N / acre	312 lb / acre
Field crops · 100 lb N / acre	625 lb / acre

Rates by nitrogen target. Golf, sports turf and farm programs have their own data sheets with detailed rates.

Packaging: 50 lb poly bag (22.68 kg) · 2,000 lb tote (907 kg) · bulk. Private label bags and blends on request.

Application: Broadcast with a rotary or drop spreader, incorporate into beds and mixes, or band at planting. Water in or time before rain. Store dry.

Values from the product label. Rates are general starting points; set rates from soil tests and site needs. Always read and follow the product label; confirm local registration.