

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 feeders

A high-nitrogen organic blend with humic acids and the Sigma biology, for turf and crops that need 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

- Heavy-feeding turf and lawns in season
- Leafy crops and heavy feeders
- Longer feeding windows between applications
- Pre-plant broadcast or incorporation

General application rates

USE	SIGMA 7-2-1 BIO
Lawns and turf · 0.5 lb N / 1,000 ft^2	7.1 lb / 1,000 ft^2
Lawns and turf · 1 lb N / 1,000 ft^2	14.3 lb / 1,000 ft^2
Gardens and beds · 1 lb N / 1,000 ft^2	1.4 lb / 100 ft^2
Field crops · 50 lb N / acre	714 lb / acre
Field crops · 100 lb N / acre	1,429 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.