

Driven by nature. Backed by science.

TECHNICAL DATA SHEET

## 5-3-2

Large grade SGN 250 · Fine grade SGN 110

# Sigma 5-3-2 Bio

### Steady organic nitrogen with built-in biology

Fast- and slow-release organic nitrogen with humic acids and the full Sigma biology. Steady feeding without a growth surge, with biological help for tired soils.

## Guaranteed analysis

| | |
|---|---|
| Total nitrogen (N) | 5.0% |
| Water-soluble nitrogen | 1.2% |
| Water-insoluble nitrogen | 3.8% |
| Available phosphate ($P_2O_5$) | 3.0% |
| Soluble potash ($K_2O$) | 2.0% |
| Calcium (Ca) | 7.0% |
| Iron (Fe) | 0.1% |

Derived from processed poultry manure, bone meal, feather meal and sulfate of potash. *3.8% slowly available water insoluble Nitrogen (N) from processed poultry manure, bone meal 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

- Recovery from traffic, stress and transplanting
- Steady feeding through the growing season
- Lawns, gardens and landscape beds
- Vegetables and fruit during vegetative growth
- Nursery and container crops

## General application rates

| USE | SIGMA 5-3-2 BIO |
|---|---|
| Lawns and turf · 0.5 lb N / 1,000 ft² | 10 lb / 1,000 ft² |
| Lawns and turf · 1 lb N / 1,000 ft² | 20 lb / 1,000 ft² |
| Gardens and beds · 1 lb N / 1,000 ft² | 2 lb / 100 ft² |
| Field crops · 50 lb N / acre | 1,000 lb / acre |
| Field crops · 100 lb N / acre | 2,000 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.