

Driven by nature. Backed by science.

TECHNICAL DATA SHEET

0-2-13

Large grade SGN 250 · Fine grade SGN 110

Sigma 0-2-13 Bio 2X

Potassium and 2X biology, zero nitrogen

High potash from sunflower hull ash with calcium, humic acids and the heavier 2X dose of Sigma biology, and no nitrogen. Part of the Double Bio line: strengthens plants against heat, drought and wear without pushing growth.

Guaranteed analysis

Available phosphate (P_2O_5)	2.0%
Soluble potash (K_2O)	13.0%
Calcium (Ca)	7.0%
Magnesium (Mg)	0.5%

Derived from processed poultry manure and sunflower hull ash.

Biology and carbon

Humic acids	3.0%
Beneficial bacteria	4,200,000 CFU / lb
Endomycorrhizae	9.4 propagules / lb
Trichoderma	716,000 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.

Where it fits

- Lawns and turf in summer stress and fall hardening
- Flowering and fruiting plants that need potassium
- Soils low in potassium by soil test
- Pairing with any nitrogen source or blend
- Private label and custom blends

General application rates

USE	SIGMA 0-2-13 BIO 2X
Lawns and turf · 0.5 lb K_2O / 1,000 ft^2	3.8 lb / 1,000 ft^2
Lawns and turf · 1 lb K_2O / 1,000 ft^2	7.7 lb / 1,000 ft^2
Gardens and beds · 1 lb K_2O / 1,000 ft^2	0.8 lb / 100 ft^2
Field crops · 50 lb K_2O / acre	385 lb / acre
Field crops · 100 lb K_2O / acre	769 lb / acre

Rates by potash target. Golf and sports turf programs have their own data sheet 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.