

Driven by nature. Backed by science.

TECHNICAL DATA SHEET

11-0-4

SGN 200 · 2 to 4 mm granule

Sigma 11-0-4

High nitrogen, zero phosphorus

A clean, free-flowing 11-0-4 built on amino acid (protein hydrolysate) nitrogen, with no phosphorus. Quick green-up with a steadier feed behind it, for turf and landscapes where phosphorus is restricted or not needed.

Guaranteed analysis

Total nitrogen (N)	**11.0%**
Ammoniacal nitrogen	**7.0%**
Other water-soluble nitrogen	**2.0%**
Water-insoluble nitrogen	**2.0%**
Available phosphate (P_2O_5)	**0.0%**
Soluble potash (K_2O)	**4.0%**

Derived from aqua ammonia and beet protein hydrolysate.

Nitrogen release

Ammoniacal nitrogen (7%) for fast green-up, amino acid nitrogen (2%) that turf takes up readily, and water-insoluble nitrogen (2%) that keeps feeding after the quick flush.

Phosphorus-free

Fits no-phosphorus and low-phosphorus rules such as those in the Chesapeake Bay states and around protected lakes and waterways. Check local rules before applying.

Granule

Clean, free-flowing 2 to 4 mm granule (SGN 200) that spreads evenly with rotary or drop spreaders.

Where it fits

- Phosphorus-restricted sites, lawns and landscapes
- Spring green-up and in-season nitrogen
- Sports fields and high-traffic turf
- Between Foundation Program applications when turf needs N without P
- Established turf where soil tests show adequate phosphorus

Label application rates · turf

USE	LB / 1,000 FT²	LB / ACRE	N / 1,000 FT²
Turf · low	**4.5**	**196**	**0.5 lb**
Turf · high	**9**	**392**	**1.0 lb**
Landscape	**4.5**	**196**	**0.5 lb**

Product per pound of nitrogen

TO APPLY	PRODUCT / 1,000 FT²	PER ACRE
0.25 lb N / 1,000 ft²	**2.3 lb**	99 lb / acre
0.5 lb N / 1,000 ft²	**4.5 lb**	198 lb / acre
0.75 lb N / 1,000 ft²	**6.8 lb**	297 lb / acre
1.0 lb N / 1,000 ft²	**9.1 lb**	396 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.