

# 12-16-8



Spring Valley®

SGN 200

N-LITE

**GUARANTEED ANALYSIS**

Item Number: 2008450

Total Nitrogen (N) .....	12.00%
1.13% Urea Nitrogen *	
9.52% Ammoniacal Nitrogen	
1.35% Water Insoluble Nitrogen	
Available Phosphate (P205) .....	16.00%
Soluble Potash (K20) .....	8.00%
Sulfur (S) .....	3.88%
Iron (Fe) .....	1.00%
Derived From: Bio-Solids, Diammonium Phosphate, Muriate of Potash, Polymer-Coated, Sulfur-Coated Urea, Ammonium Sulfate.	
Salt Index: 40.43 Bulk Density: 65.47	
<b>Net Weight 50 lbs (22.70 kg)</b>	
50 lbs. Covers 6,000 sq. ft	
(These rates equal 1 lb. nitrogen per 1,000 sq. ft.)	
* 1.11% slowly available urea nitrogen derived from polymer-coated,sulfur-coated urea	

NUTRIENT CALCULATIONS WITH SPREADER SETTINGS			
Product	Low Rate	Medium Rate	High Rate
12-16-8 SGN 200	4.1 lbs per 1,000 sq ft	6.2 lbs per 1,000 sq ft	8.3 lbs per 1,000 sq ft
Lbs Nutrients/ 1000 sq ft	N- 0.50 P- 0.66 K- 0.33	N- 0.75 P- 1.00 K- 0.50	N- 1.00 P- 1.33 K- 0.66
Rotary Spreader	Settings	Settings	Settings
Bigfoot	N	O	P
Earthway 2400	17	18	20
Scotts R8A	O	P	Q
Lesco 00600	26	28	30
Spyker	6.25	6.5	7
Bulk Spreader	Settings	Settings	Settings
Lely W	5R	5S	5T
Vicon 402	36	39	42
Speed Applied: 6 mph			

Note: These Spreader Settings are approximate and can be influenced by other atmospheric conditions and contributing factors. It is impossible to be 100% accurate. It is wise to set your spreader to a low rate and then measure the coverage of only one pound of turf food. If you are under applying, increase the rate; If you are over applying, decrease the rate. If in doubt it is better to under-apply than to over-apply and use formulations with more controlled releases, especially during hot, dry conditions. Vogel Seed & Fertilizer Inc. makes no warranty as to the uniformity of coverage actually obtained from the settings listed.

**General Information**

This product is a premium fertilizer that contains the appropriate balance of nutrients to promote fast seed germination and vigorous turf establishment. The granules are uniformly sized to provide consistent particle distribution.

The qualities of this blend are specifically geared to maximize seed germination while supplying the necessary levels of extra phosphorous and potassium that young sprigs require for rapid root, stem and shoot development. Used regularly during the grow in period, these nutrients will also help new turf improve plant hardiness, resistance to disease, and environmental

**How to Use \***

For optimum performance, incorporate fertilizer with seed into the top one eighth inch of soil during final seed bed prep. Where as watering frequency can be reduced with the use of mulch, it may not be unusual to water 3 to 5 times daily. Continue with light, frequent watering for 4 to 6 weeks being careful to avoid extended dry periods. Apply nitrogen at the rate of 0.5 to 1.0 lb of nitrogen per 1,000 sq ft every 4 weeks. Continue fertility schedule for 4 weeks after first mowing, or until desired turf density is established at which time turf can be maintained at normal fertilization and management schedules.

Apply product evenly with a calibrated spreader. For best results, apply prior to rainfall or irrigate immediately following application.

\*Southern turf grasses, including St. Augustine and hybrid Bermuda grasses may require higher levels of nitrogen for optimum performance. Reduce application rates on Bentgrass up to 50% when temps are above 85F.

**KEEP OUT OF REACH OF CHILDREN**

**Caution:** May cause irritation. On contact with skin or Eyes flush with plenty of water.

**NEVER FERTILIZE WHEN THE GRASS IS MOIST  
ALWAYS CLEAN OUT SPREADER AFTER EACH USE**