

21-0-22

SGN 90



Spring Valley®

GUARANTEED ANALYSIS

Item Number: 2034500

Total Nitrogen (N)	21.00%
3.15% Urea Nitrogen	
7.35% Water Insoluble Nitrogen	
10.50% Slowly Available Water Soluble Nitrogen**	
Soluble Potash (K2O)	22.00%
Sulfur (S)	7.48%
Iron (Fe)	0.12%
Manganese (Mn)	0.06%
0.06% Soluble Manganese (Mn)	
Zinc (Z).....	0.06%
Derived From:	
Sulfate of Potash, Methylene Ureas, Iron Oxide, Ferrous Sulfate, Manganese Chloride, Manganese Sulfate, Zinc Oxide, Zinc Sulfate.	
Salt Index: 32.91 Bulk Density: 66.69	
Net Weight 50 lbs (22.70 kg)	
50 lbs. Covers 10,500 sq. ft	
(These rates equal 1 lb. nitrogen per 1,000 sq. ft.)	
** 10.50% slow release nitrogen derived from methylenediurea and dimethylenetriurea.	

NUTRIENT CALCULATIONS WITH SPREADER SETTINGS			
Product	Low Rate	Medium Rate	High Rate
21-0-22 SGN 90	2.3 lbs per 1,000 sq ft	3.5 lbs per 1,000 sq ft	4.7 lbs per 1,000 sq ft
Lbs Nutrients/ 1000 sq ft	N- 0.49 P- 0.00 K- 0.52	N- 0.74 P- 0.00 K- 0.78	N- 0.99 P- 0.00 K- 1.04
Rotary Spreader	Settings	Settings	Settings
Bigfoot	L	M	O
Earthway 2400	15	16	19
Scotts R8A	M	N	P
Lesco 00600	J	K	M
Spyker	5.5	6	6.5
Bulk Spreader	Settings	Settings	Settings
Lely W	4S	5R	5S
Vicon 402	27	36	39
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 micro-sized fertilizer that is ideal for the nutrient demands of top quality turf performance, particularly on golf greens, tees, and short-cut fairways.

The precise control of nitrogen release combined with low salt ingredients promotes a superior, sustained color response that produces the visual appeal and the championship playability turf professionals desire. The micro-granular particles are uniformly sized for even application that will quickly settle beneath the turf canopy with minimal effect on ball roll or mower pick-up.

The unique qualities of Nutralene(R) will assure turf is receiving a consistent, metered supply of nitrogen that begins soon after watering and continues for up to 16 weeks. Nutralene(R) technology offers two different mechanical-release nitrogen forms that release through hydrolysis and microbial activity. This feature will assure more predictable and reliable nutrient availability over a broad range of weather conditions.

KEEP OUT OF REACH OF CHILDREN

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

How to Use *

For optimum performance, begin spring applications just before soil temperatures reach 50F. Although nitrogen can be applied at the rate of 1.0 lb Per 1,000 sq ft every 8 weeks, it is also recommended that lighter, half-rate applications be made each month, especially during hot, dry periods. Continue scheduled feedings throughout the growing season until soil temperature retreats to below 50F. Late fall and dormant feedings are recommended after soil temperatures remain below 50F for several consecutive days and turf growth has slowed considerably.

Apply product evenly with a calibrated spreader. For best results, irrigating after applications will aid in granule penetration in close-cut dense turf. Removing grass catchers for initial mowing will minimize particle pick-up.

*Southern turf grasses, including St. Augustine and hybrid Bermuda grasses may require higher levels of nitrogen for optimum performance.

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