



# SURFCOTE® CONTROLLED-RELEASE TECHNOLOGY DELIVERS NUTRIENTS THROUGHOUT THE SEASON.

SurfCote has the most advanced controlled release fertilizer technology — an innovative and proprietary polymer resin encapsulation with a sustained release. Each fertilizer granule is encased in a durable microthin shell that allows soil moisture to gradually diffuse into the granule, dissolving the urea fertilizer. Rising temperatures liquefy the urea, which remains encapsulated, then slowly and consistently passes through the polymer to meet the ongoing nutrient demands of your turf.

Fertilizer granules with SurfCote are tougher than sulfur-based compounds. The integrity of the shell is protected against breakage with normal handling and abrasion. Reduced loss means more nutrients going to work on your turf, and less opportunity for leaching. With SurfCote, every blade of grass gets the nutrients it needs, when it needs them most.

### This means:

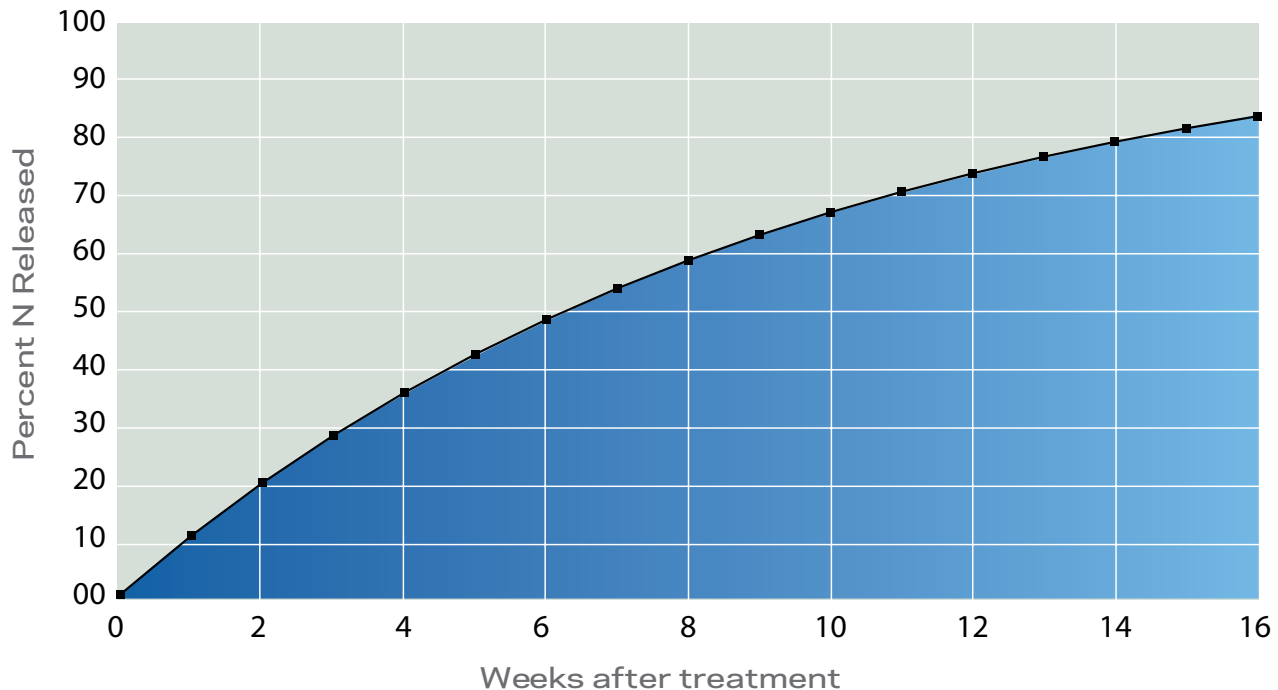
- Fewer applications, saving time, labor and energy costs.
- Greater uptake and more efficient use of fertilizer.
- Improved environmental stewardship through “on demand” release.
- Reduced potential for loss of nutrients in air and groundwater.

### The SurfCote® Advantage:

- Reduces nitrogen loss due to ammonia volatilization and leaching.
- Improves nitrogen efficiency.
- Consistent release of nutrients throughout the season.
- Delivers uniform color and growth.
- Extremely durable shell for more consistent performance.
- Saves time and money.

## NITROGEN RELEASE VS. TIME

SURFCOTE N-4





## Premium Blended Fertilizers with Surf® Controlled-Release Technology

Product Code	Analysis	SGN Size	Bag Weight (lbs.)	Coverage per Bag (sq. ft.)	Nitrogen Source	Units Slow Release	% Slow Release	Product (lbs. per 1,000 sq. ft.)	Nutrients (lbs. per 1,000 sq. ft.)			K Source
									N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	



### Shaw's® Straight Surf® Materials with Gro-Gard®

1580009	44-0-0	230	50	17,600	Surf N-4	44.0 (N)	100%	2.84	1.25	0.00	0.00	—
5589209	44-0-0	150	50	17,600	Surf N-4	44.0 (N)	100%	2.84	1.25	0.00	0.00	—
5589229	43-0-0	230	50	10,750	Surf N-6	43.0 (N)	100%	4.65	2.00	0.00	0.00	—
5500099	0-0-48	150	50	19,230	—	48.0 (K <sub>2</sub> O)	100%	2.60	0.00	0.00	1.25	PC-SOP



### Shaw's® Surf® Blends with Gro-Gard® (SGN Size 230)

5500439	5-0-40	230	50	16,025	Surf N-4	5.0	100%	3.12	0.15	0.00	1.25	PC-SOP
5550759	30-0-15	230	50	12,000	Surf N-4	30.0	100%	4.16	1.25	0.00	0.62	SOP
5566109	33-0-12	230	50	13,190	Surf N-4	33.0	100%	3.79	1.25	0.00	0.45	MOP
5566149	33-0-12	230	50	13,190	Surf N-6	33.0	100%	3.79	1.25	0.00	0.45	SOP
5588109	36-0-6	230	50	12,000	Surf N-6	36.0	100%	4.16	1.50	0.00	0.25	MOP
5588509	38-0-6	230	50	15,195	Surf N-4	38.0	100%	3.29	1.25	0.00	0.19	SOP



### Shaw's® Surf® Fairway Blends with Gro-Gard® (SGN Size 150)

5614229	16-0-30	150	50	12,000	Surf N-4	16.0	100%	4.16	0.66	0.00	1.25	PC-SOP
5630509	24-0-22	150	50	9,600	Surf N-4	24.0	100%	5.21	1.25	0.00	1.14	SOP
5644419	25-0-18	150	50	9,600	Surf N-4	25.0	100%	5.00	1.25	0.00	0.90	PC-SOP
5646559	28-0-18	150	50	11,200	Surf N-4	28.0	100%	4.46	1.25	0.00	0.80	SOP
5647539	33-0-12	150	50	13,190	Surf N-4	33.0	100%	3.79	1.25	0.00	0.45	SOP

**Surf N-4** = Polymer-Coated Urea (Up to 4-Month Nitrogen Release)    **Surf N-6** = Polymer-Coated Urea (Up to 6-Month Nitrogen Release)

**MOP** = Murate of Potash    **SOP** = Sulfate of Potash    **PC-SOP** = Polymer-Coated Sulfate of Potash

