

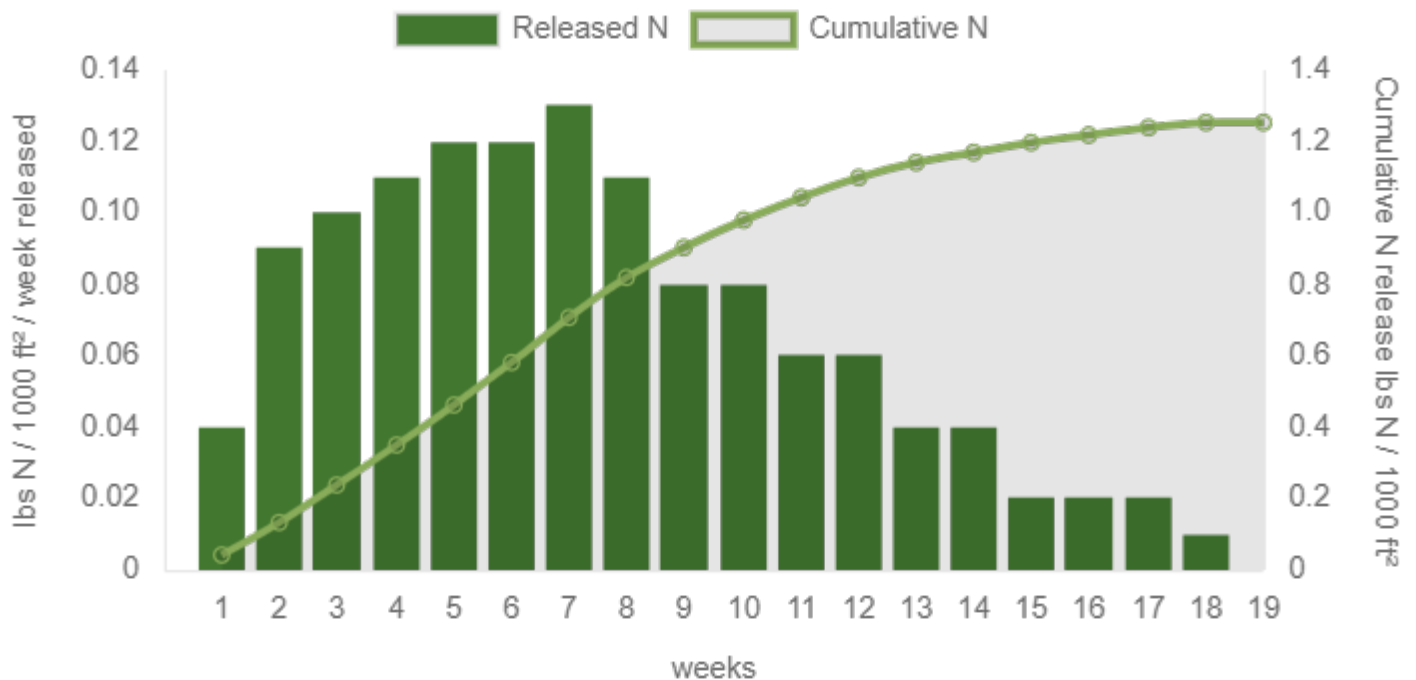
TURFGRASS: GOLF COURSE

NITROGEN CALCULATIONS

Montreal, Quebec
Canada

Montreal , Quebec

INPUTS	OUTPUTS	NITROGEN THRESHOLD	PLANT RESPONSE
Product List Polyon 44-0-0 Regular	Quick Release (%): 0	lbs N / 1000 ft² / week	Cool Season Turfgrass
Fertilizer Analysis (%) 44 0 0	Average release/week: 0.1	0.15	Excessive Growth
Particle Size Regular	Product longevity (weeks): 13	0.12	Maximum Growth
Polyon Grade 44 0 0 0	Product spread rate: 123.71 (lbs/acre) 2.84 (lbs/1000 ft²)	0.09	Optimal Growth
Polyon % 100 0 0 0	Total tons needed: 0.06	0.06	Greening Effect
Nitrogen Application Rate lbs N / 1000 ft² 1.25	# of 50 lb bags needed: 2.48	0.04	Hold Color
Grass Type: Cool Season App Date: 06/01/25			
Acres to Treat 1			
Temperature Correction 0 F			



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WEEKLY RELEASE RATES

Date	Week	Released N	Remaining N
06/01/2025	1	0.04	1.21
06/08/2025	2	0.09	1.12
06/15/2025	3	0.10	1.01
06/22/2025	4	0.11	0.90
06/29/2025	5	0.12	0.79
07/06/2025	6	0.12	0.67
07/13/2025	7	0.13	0.54
07/20/2025	8	0.11	0.43
07/27/2025	9	0.08	0.35
08/03/2025	10	0.08	0.27
08/10/2025	11	0.06	0.21
08/17/2025	12	0.06	0.15
08/24/2025	13	0.04	0.11
08/31/2025	14	0.04	0.08
09/07/2025	15	0.02	0.05
09/14/2025	16	0.02	0.03
09/21/2025	17	0.02	0.01
09/28/2025	18	0.01	0.00
10/05/2025	19	0.00	0.00