

TURFGRASS: GOLF COURSE

NITROGEN CALCULATIONS

Toronto, Ontario
Canada

Toronto , Ontario

INPUTS

OUTPUTS

NITROGEN THRESHOLD

PLANT RESPONSE

Product List

Polyon 43-0-0 Mini

Fertilizer Analysis (%)

43 0 0

Particle Size

Mini

Polyon Grade

43 0 0 0

Polyon %

100 0 0 0

Nitrogen Application Rate

lbs N / 1000 ft² 1.50

Grass Type: App Date

Cool Season 06/01/25

Acres to Treat

1

Temperature Correction

0 F

Quick Release (%): 0

Average release/week: 0.1

Product longevity (weeks): 15

Product spread rate: 152.02 (lbs/acre)
3.49 (lbs/1000 ft²)

Total tons needed: 0.08

of 50 lb bags needed: 3.04

lbs N / 1000 ft² / week

Cool Season Turfgrass

0.15

Excessive Growth

0.12

Maximum Growth

0.09

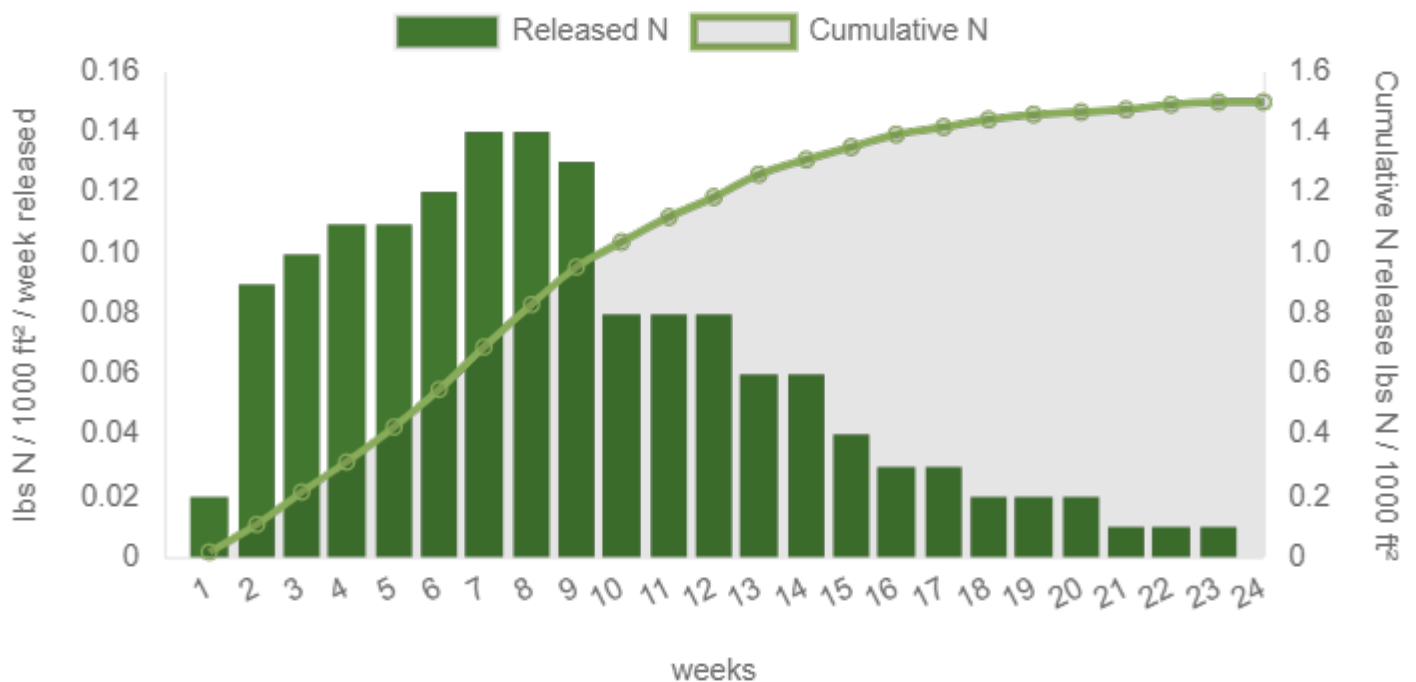
Optimal Growth

0.06

Greening Effect

0.04

Hold Color



TURFGRASS: GOLF COURSE

NITROGEN CALCULATIONS

Toronto, Ontario
Canada

Toronto , Ontario

WEEKLY RELEASE RATES

Date	Week	Released N	Remaining N
06/01/2025	1	0.02	1.49
06/08/2025	2	0.09	1.39
06/15/2025	3	0.10	1.29
06/22/2025	4	0.11	1.19
06/29/2025	5	0.11	1.07
07/06/2025	6	0.12	0.95
07/13/2025	7	0.14	0.81
07/20/2025	8	0.14	0.67
07/27/2025	9	0.13	0.54
08/03/2025	10	0.08	0.46
08/10/2025	11	0.08	0.38
08/17/2025	12	0.08	0.31
08/24/2025	13	0.06	0.24
08/31/2025	14	0.06	0.19
09/07/2025	15	0.04	0.15
09/14/2025	16	0.03	0.11
09/21/2025	17	0.03	0.08
09/28/2025	18	0.02	0.06
10/05/2025	19	0.02	0.04
10/12/2025	20	0.02	0.03
10/19/2025	21	0.01	0.02
10/26/2025	22	0.01	0.01
11/02/2025	23	0.01	0.00
11/08/2025	24	0.00	0.00