

Metric C3 Cool Season Turfgrass Nutrient Management Plan

University of Maryland College Park Member No. Maryland

lat,lon = 39.011,-76.948

GP refers to Growth Potential based upon five-year average temperature

Rate of fertilizer application is g/m^2

Month	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
GP	0.01	0.02	0.13	0.47	0.90	0.85	0.54	0.72	1.00	0.62	0.14	0.02
N	0.0	0.1	0.4	1.6	3.2	3.0	1.9	2.5	3.5	2.2	0.5	0.1
K	0.0	0.0	0.2	0.8	1.6	1.5	0.9	1.3	1.7	1.1	0.2	0.0
P	0.0	0.0	0.1	0.2	0.4	0.4	0.2	0.3	0.4	0.3	0.1	0.0
Ca	0.0	0.0	0.0	0.2	0.3	0.3	0.2	0.3	0.3	0.2	0.0	0.0
Mg	0.00	0.00	0.03	0.10	0.20	0.19	0.12	0.16	0.22	0.14	0.03	0.00
S	0.00	0.00	0.03	0.12	0.24	0.22	0.14	0.19	0.26	0.16	0.04	0.00
Fe	0.000	0.000	0.002	0.008	0.016	0.015	0.009	0.013	0.017	0.011	0.002	0.000
Mn	0.000	0.000	0.001	0.003	0.006	0.006	0.004	0.005	0.007	0.004	0.001	0.000

	Annual g/m^2	Soil ppm	MLSN ppm
N	19	NA	NA
K	9.5	63	37
P	2.4	16	21
Ca	1.9	13	331
Mg	1.2	8	47
S	1.4	9	7
Fe	0.1	0.6	90
Mn	0	0.2	30