

Metric C3 Cool Season Turfgrass Nutrient Management Plan

Michigan State University Member No. Michigan

lat,lon = 42.703,-84.463

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

Rate of fertilizer application is g/m²

Month	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
GP	0.00	0.00	0.01	0.10	0.65	1.00	0.87	0.96	0.93	0.29	0.01	0.00
N	0.0	0.0	0.0	0.3	2.3	3.5	3.0	3.4	3.3	1.0	0.0	0.0
K	0.0	0.0	0.0	0.2	1.1	1.7	1.5	1.7	1.6	0.5	0.0	0.0
P	0.0	0.0	0.0	0.0	0.3	0.4	0.4	0.4	0.4	0.1	0.0	0.0
Ca	0.0	0.0	0.0	0.0	0.2	0.3	0.3	0.3	0.3	0.1	0.0	0.0
Mg	0.00	0.00	0.00	0.02	0.14	0.22	0.19	0.21	0.20	0.06	0.00	0.00
S	0.00	0.00	0.00	0.03	0.17	0.26	0.23	0.25	0.24	0.08	0.00	0.00
Fe	0.000	0.000	0.000	0.002	0.011	0.017	0.015	0.017	0.016	0.005	0.000	0.000
Mn	0.000	0.000	0.000	0.001	0.004	0.007	0.006	0.006	0.006	0.002	0.000	0.000

	Annual g/m ²	Soil ppm	MLSN ppm
N	16.8	NA	NA
K	8.4	56	37
P	2.1	14	21
Ca	1.7	11	331
Mg	1.1	7	47
S	1.3	8	7
Fe	0.1	0.6	90
Mn	0	0.2	30