

Metric C3 Cool Season Turfgrass Nutrient Management Plan
Michigan State University Member No. Michigan
lat,lon = 42.747,-84.463
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	0.00	0.00	0.01	0.11	0.68	0.99	0.91	0.97	0.89	0.28	0.03	0.00
N	0.0	0.0	0.0	0.4	2.4	3.5	3.2	3.4	3.1	1.0	0.1	0.0
K	0.0	0.0	0.0	0.2	1.2	1.7	1.6	1.7	1.6	0.5	0.0	0.0
P	0.0	0.0	0.0	0.1	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	0.03	0.15	0.22	0.20	0.21	0.20	0.06	0.01	0.00
S	0.00	0.00	0.00	0.03	0.18	0.26	0.24	0.25	0.23	0.07	0.01	0.00
Fe	0.000	0.000	0.000	0.002	0.012	0.017	0.016	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	17.1	NA	NA
K	8.6	57	37
P	2.1	14	21
Ca	1.7	11	331
Mg	1.1	7	47
S	1.3	9	7
Fe	0.1	0.6	90
Mn	0	0.2	30