

Metric C3 Cool Season Turfgrass Nutrient Management Plan
 Pennsylvania State University Member No. Pennsylvania
 lat,lon = 40.813,-77.871
 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	0.03	0.22	0.74	0.99	0.81	0.92	0.94	0.39	0.05	0.00
N	0.0	0.0	0.1	0.8	2.6	3.5	2.9	3.2	3.3	1.4	0.2	0.0
K	0.0	0.0	0.1	0.4	1.3	1.7	1.4	1.6	1.6	0.7	0.1	0.0
P	0.0	0.0	0.0	0.1	0.3	0.4	0.4	0.4	0.4	0.2	0.0	0.0
Ca	0.0	0.0	0.0	0.1	0.3	0.3	0.3	0.3	0.3	0.1	0.0	0.0
Mg	0.00	0.00	0.01	0.05	0.16	0.22	0.18	0.20	0.20	0.09	0.01	0.00
S	0.00	0.00	0.01	0.06	0.19	0.26	0.21	0.24	0.25	0.10	0.01	0.00
Fe	0.000	0.000	0.001	0.004	0.013	0.017	0.014	0.016	0.016	0.007	0.001	0.000
Mn	0.000	0.000	0.000	0.001	0.005	0.006	0.005	0.006	0.006	0.003	0.000	0.000

	Annual g/m^2	Soil ppm	MLSN ppm
N	17.9	NA	NA
K	8.9	60	37
P	2.2	15	21
Ca	1.8	12	331
Mg	1.1	7	47
S	1.3	9	7
Fe	0.1	0.6	90
Mn	0	0.2	30