

Metric C3 Cool Season Turfgrass Nutrient Management Plan  
 North Carolina State University Member No. North Carolina  
 lat,lon = 35.802,-78.706

GP refers to Growth Potential based upon five-year average temperature  
 Rate of fertilizer application is g/m<sup>2</sup>

Month	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
GP	0.04	0.16	0.29	0.82	0.98	0.71	0.48	0.59	0.86	0.93	0.22	0.10
N	0.1	0.5	1.0	2.9	3.4	2.5	1.7	2.1	3.0	3.3	0.8	0.3
K	0.1	0.3	0.5	1.4	1.7	1.3	0.8	1.0	1.5	1.6	0.4	0.2
P	0.0	0.1	0.1	0.4	0.4	0.3	0.2	0.3	0.4	0.4	0.1	0.0
Ca	0.0	0.1	0.1	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.1	0.0
Mg	0.01	0.03	0.06	0.18	0.21	0.16	0.10	0.13	0.19	0.20	0.05	0.02
S	0.01	0.04	0.08	0.22	0.26	0.19	0.13	0.15	0.22	0.24	0.06	0.03
Fe	0.001	0.003	0.005	0.014	0.017	0.013	0.008	0.010	0.015	0.016	0.004	0.002
Mn	0.000	0.001	0.002	0.005	0.006	0.005	0.003	0.004	0.006	0.006	0.001	0.001

	Annual g/m <sup>2</sup>	Soil ppm	MLSN ppm
N	21.6	NA	NA
K	10.8	72	37
P	2.7	18	21
Ca	2.2	14	331
Mg	1.3	9	47
S	1.6	11	7
Fe	0.1	0.7	90
Mn	0	0.3	30