

Metric C3 Cool Season Turfgrass Nutrient Management Plan
North Carolina State University Member No. North Carolina
lat,lon = 35.802,-78.662
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	0.07	0.15	0.52	0.87	1.00	0.67	0.44	0.52	0.89	0.90	0.39	0.10
N	0.2	0.5	1.8	3.0	3.5	2.3	1.5	1.8	3.1	3.2	1.4	0.4
K	0.1	0.3	0.9	1.5	1.7	1.2	0.8	0.9	1.6	1.6	0.7	0.2
P	0.0	0.1	0.2	0.4	0.4	0.3	0.2	0.2	0.4	0.4	0.2	0.0
Ca	0.0	0.1	0.2	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.1	0.0
Mg	0.01	0.03	0.11	0.19	0.22	0.15	0.10	0.11	0.19	0.20	0.09	0.02
S	0.02	0.04	0.14	0.23	0.26	0.18	0.12	0.14	0.23	0.24	0.10	0.03
Fe	0.001	0.003	0.009	0.015	0.017	0.012	0.008	0.009	0.016	0.016	0.007	0.002
Mn	0.000	0.001	0.003	0.006	0.007	0.004	0.003	0.003	0.006	0.006	0.003	0.001

	Annual g/m^2	Soil ppm	MLSN ppm
N	22.8	NA	NA
K	11.4	76	37
P	2.8	19	21
Ca	2.3	15	331
Mg	1.4	9	47
S	1.7	11	7
Fe	0.1	0.8	90
Mn	0	0.3	30