

Metric C4 Warm Season Turfgrass Nutrient Management Plan

Virginia Tech Member No. Virginia

lat,lon = 37.209,-80.42

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 | 0.00 | 0.03 | 0.15 | 0.34 | 0.54 | 0.44 | 0.25 | 0.06 | 0.00 | 0.00 |
| N | 0.0 | 0.0 | 0.0 | 0.1 | 0.5 | 1.2 | 1.9 | 1.6 | 0.9 | 0.2 | 0.0 | 0.0 |
| K | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.6 | 0.9 | 0.8 | 0.4 | 0.1 | 0.0 | 0.0 |
| P | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 |
| Ca | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 |
| Mg | 0.00 | 0.00 | 0.00 | 0.01 | 0.03 | 0.07 | 0.12 | 0.10 | 0.06 | 0.01 | 0.00 | 0.00 |
| S | 0.00 | 0.00 | 0.00 | 0.01 | 0.04 | 0.09 | 0.14 | 0.12 | 0.07 | 0.01 | 0.00 | 0.00 |
| Fe | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.006 | 0.009 | 0.008 | 0.004 | 0.001 | 0.000 | 0.000 |
| Mn | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.002 | 0.004 | 0.003 | 0.002 | 0.000 | 0.000 | 0.000 |

| | Annual g/m ² | Soil ppm | MLSN ppm |
|----|-------------------------|----------|----------|
| N | 6.3 | NA | NA |
| K | 3.2 | 21 | 37 |
| P | 0.8 | 5 | 21 |
| Ca | 0.6 | 4 | 331 |
| Mg | 0.4 | 3 | 47 |
| S | 0.5 | 3 | 7 |
| Fe | 0 | 0.2 | 90 |
| Mn | 0 | 0.1 | 30 |