

Metric C4 Warm Season Turfgrass Nutrient Management Plan

Iowa State University Member No. Iowa

lat,lon = 42.044,-93.647

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    | 0.00  | 0.00  | 0.00  | 0.01  | 0.12  | 0.56  | 0.65  | 0.47  | 0.27  | 0.02  | 0.00  | 0.00  |
| N     | 0.0   | 0.0   | 0.0   | 0.0   | 0.4   | 2.0   | 2.3   | 1.7   | 0.9   | 0.1   | 0.0   | 0.0   |
| K     | 0.0   | 0.0   | 0.0   | 0.0   | 0.2   | 1.0   | 1.1   | 0.8   | 0.5   | 0.0   | 0.0   | 0.0   |
| P     | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.2   | 0.3   | 0.2   | 0.1   | 0.0   | 0.0   | 0.0   |
| Ca    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.2   | 0.2   | 0.2   | 0.1   | 0.0   | 0.0   | 0.0   |
| Mg    | 0.00  | 0.00  | 0.00  | 0.00  | 0.03  | 0.12  | 0.14  | 0.10  | 0.06  | 0.00  | 0.00  | 0.00  |
| S     | 0.00  | 0.00  | 0.00  | 0.00  | 0.03  | 0.15  | 0.17  | 0.12  | 0.07  | 0.00  | 0.00  | 0.00  |
| Fe    | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.010 | 0.011 | 0.008 | 0.005 | 0.000 | 0.000 | 0.000 |
| Mn    | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.004 | 0.004 | 0.003 | 0.002 | 0.000 | 0.000 | 0.000 |

|    | Annual g/m <sup>2</sup> | Soil ppm | MLSN ppm |
|----|-------------------------|----------|----------|
| N  | 7.3                     | NA       | NA       |
| K  | 3.7                     | 24       | 37       |
| P  | 0.9                     | 6        | 21       |
| Ca | 0.7                     | 5        | 331      |
| Mg | 0.5                     | 3        | 47       |
| S  | 0.6                     | 4        | 7        |
| Fe | 0                       | 0.2      | 90       |
| Mn | 0                       | 0.1      | 30       |