

US Units C3 Cool Season Turfgrass Nutrient Management Plan

Purdue University Member No. Indiana

lat,lon = 40.418,-86.924

GP refers to Growth Potential based upon five-year average temperature

Rate of fertilizer application is lb/1000 sq ft

| Month | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| GP | 0.00 | 0.00 | 0.03 | 0.27 | 0.92 | 0.86 | 0.75 | 0.87 | 1.00 | 0.49 | 0.02 | 0.00 |
| N | 0.0 | 0.0 | 0.0 | 0.2 | 0.7 | 0.6 | 0.5 | 0.6 | 0.7 | 0.4 | 0.0 | 0.0 |
| K | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.2 | 0.0 | 0.0 |
| P | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 |
| Ca | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 |
| Mg | 0.00 | 0.00 | 0.00 | 0.01 | 0.04 | 0.04 | 0.03 | 0.04 | 0.04 | 0.02 | 0.00 | 0.00 |
| S | 0.00 | 0.00 | 0.00 | 0.01 | 0.05 | 0.05 | 0.04 | 0.05 | 0.05 | 0.03 | 0.00 | 0.00 |
| Fe | 0.000 | 0.000 | 0.000 | 0.001 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 | 0.002 | 0.000 | 0.000 |
| Mn | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 |

| | lb/1000 sq ft | Soil ppm | MLSN ppm |
|----|---------------|----------|----------|
| N | 3.7 | NA | NA |
| K | 1.9 | 61 | 37 |
| P | 0.5 | 15 | 21 |
| Ca | 0.4 | 12 | 331 |
| Mg | 0.2 | 8 | 47 |
| S | 0.3 | 9 | 7 |
| Fe | 0 | 0.6 | 90 |
| Mn | 0 | 0.2 | 30 |