

US Units C4 Warm Season Turfgrass Nutrient Management Plan  
Horry–Georgetown Technical College Member No. South Carolina (HGTC)  
lat,lon = 33.78,–79.014  
GP refers to Growth Potential based upon five–year average temperature  
Rate of fertilizer application is lb/1000 sq ft

| <i>Month</i> | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <i>GP</i>    | 0.01  | 0.02  | 0.07  | 0.17  | 0.39  | 0.68  | 0.84  | 0.80  | 0.56  | 0.21  | 0.05  | 0.01  |
| <i>N</i>     | 0.0   | 0.0   | 0.1   | 0.1   | 0.3   | 0.5   | 0.6   | 0.6   | 0.4   | 0.1   | 0.0   | 0.0   |
| <i>K</i>     | 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.2   | 0.3   | 0.3   | 0.2   | 0.1   | 0.0   | 0.0   |
| <i>P</i>     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| <i>Ca</i>    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| <i>Mg</i>    | 0.00  | 0.00  | 0.00  | 0.01  | 0.02  | 0.03  | 0.04  | 0.04  | 0.02  | 0.01  | 0.00  | 0.00  |
| <i>S</i>     | 0.00  | 0.00  | 0.00  | 0.01  | 0.02  | 0.04  | 0.05  | 0.04  | 0.03  | 0.01  | 0.00  | 0.00  |
| <i>Fe</i>    | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.002 | 0.003 | 0.003 | 0.002 | 0.001 | 0.000 | 0.000 |
| <i>Mn</i>    | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 |

|           | lb/1000 sq ft | Soil ppm | MLSN ppm |
|-----------|---------------|----------|----------|
| <i>N</i>  | 2.7           | NA       | NA       |
| <i>K</i>  | 1.4           | 44       | 37       |
| <i>P</i>  | 0.3           | 11       | 21       |
| <i>Ca</i> | 0.3           | 9        | 331      |
| <i>Mg</i> | 0.2           | 6        | 47       |
| <i>S</i>  | 0.2           | 7        | 7        |
| <i>Fe</i> | 0             | 0.4      | 90       |
| <i>Mn</i> | 0             | 0.2      | 30       |