

**MSU Soil Testing Lab Recommendations  
for Phosphorus Applications to Turfgrass 3/8/2012**

		<b>Sand based rootzone establishment</b>	<b>Golf greens and tees est. or mature; Kentucky bluegrass or perennial ryegrass athletic fields est. or mature; sand based rootzone mature</b>	<b>Lawns, golf course fairways; establishment or mature</b>	<b>Establishment without soil test</b>
<b>Bray P1, Mehlich 3 Soil Test Value (ppm): pH&lt;7.4</b>	<b>Olsen Soil Test Value (ppm) pH&gt;7.4</b>	<b>Recommendation (lbs. P<sub>2</sub>O<sub>5</sub>/1000 ft.<sup>2</sup>)</b>	<b>Recommendation (lbs. P<sub>2</sub>O<sub>5</sub>/1000 ft.<sup>2</sup>)</b>	<b>Recommendation (lbs. P<sub>2</sub>O<sub>5</sub>/1000 ft.<sup>2</sup>)</b>	<b>Recommendation (lbs. P<sub>2</sub>O<sub>5</sub>/1000 ft.<sup>2</sup>)</b>
0	0	4.4	3.4	2.5	2.5 lbs. year (Maximum single application of 1.5 lbs.)
2	1.3	4.1	3.1	2.2	
4	2.7	3.9	2.7	1.9	
6	4	3.6	2.4	1.6	
8	5.3	3.4	2.0	1.3	
10	6.7	3.1	1.7	1.0	
12	8	2.8	1.4	0.7	
14	9.3	2.6	1.0	0.4	
16	10.7	2.3	0.7	0.1	
18	12	2.1	0.3	0.0	
20	13.3	1.8	0.0		
22	14.7	1.5			
24	16	1.3			
26	17.3	1.0			
28	18.7	0.8			
30	20	0.5			
32	21.3	0.2			
34	22.7	0.0			

Web resources: [www.turf.msu.edu](http://www.turf.msu.edu) or [www.bephosphorusmart.msu.edu](http://www.bephosphorusmart.msu.edu)