

LIME RECOMMENDATIONS-TURF

Limestone recommendations are made based on the pH goal and the amount of exchangeable acidity measured by the Mehlich Buffer soil test. The pH goal varies with the turf use and grass species. The pH goal is given on the individual sheet for each turf use listed in this handbook. If the soil pH is already at or above the pH goal, no limestone is recommended. If the soil pH is below the pH goal, look in the left hand column and find the acidity as reported on the bottom of the soil test report then go across to the appropriate "pH Goal" column to determine the limestone recommendation. The recommendations are given as pounds of calcium carbonate equivalent (CCE) per 1000 square feet. If the limestone to be used is significantly different from 100% CCE, the recommendation must be adjusted for this difference.

Table 1. Lime Recommendation (lb CCE/1000 square feet)

Acidity (meq/100 g)			
	pH Goal 7.0	pH Goal 6.5	pH Goal 6.0
2.0	50	50	50
2.6	70	50	50
3.3	70	50	50
3.9	90	70	50
4.6	110	70	50
5.2	110	90	50
5.8	140	90	50
6.5	160	110	70
7.1	160	110	90
7.8	180	140	90
8.4	180	140	110
9.0	210	160	110
9.7	230	180	140
10.3	230	180	140
11.0	250	210	160
11.6	280	210	160
12.3	280	230	180
12.9	300	250	180
13.5	320	250	210
14.2	320	280	210
14.8	340	280	230
15.5	370	300	230
16.1	370	320	250
16.8	390	320	250
17.4	390	340	280
18.0	410	340	280
18.7	440	370	300
19.3	440	390	300

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Table 1. Lime Recommendation (lb CCE/1000 square feet)

Acidity (meq/100 g)	pH Goal 7.0	pH Goal 6.5	pH Goal 6.0
20.0	460	390	320
20.6	480	410	320
21.2	480	410	340
21.9	510	460	340
22.5	530	460	370
23.2	530	460	370
23.8	550	480	390
24.5	570	480	390
25.1	570	510	410
25.7	600	530	410