

Example 4-1: Determining the Liming Rate

Information Given:

Plant Type: Flower Bed (from Information sheet -- Figure 4-1)
 Soil OM: 1% (from Soil Test Report Form- to determine if target pH for a high OM soil should be used)
 Target pH: 6.0 (from Table 4-3)
 Water pH: 5.4 (from **Soil pH** on Soil Test Report -- Figure 4-2)
 Buffer pH: 7.65 (from **Buffer pH** on Soil Test Report -- Figure 4-2)

Lime Requirement: **50 lbs/1000 square feet or 1.0 ton/ac**

Section of Table 4-6:

Water pH ↓	Buffer pH														
	7.95	7.90	7.85	7.80	7.75	7.70	7.65	7.60	7.55	7.50	7.45	7.40	7.35	7.30	7.25
5.9	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25
5.8	0	0	0	0	0	25	25	25	25	25	25	25	25	25	25
5.7	0	0	0	25	25	25	25	25	25	25	25	50	50	50	50
5.6	0	0	0	25	25	25	25	25	25	50	50	50	50	50	50
5.5	0	0	25	25	25	25	25	50	50	50	50	50	75	75	75
5.4	0	0	25	25	25	25	50	50	50	50	50	75	75	75	75
5.3	25	25	25	25	25	50	50	50	50	0	75	75	75	100	100