

Downslope and Upslope Correction Factors  
 For Sand Mounds On Sloping Sites

Slope percentage	upslope correction	downslope correction
0%	1	1
1%	0.97	1.03
2%	0.94	1.06
3%	0.92	1.1
4%	0.89	1.14
5%	0.88	1.18
6%	0.85	1.22
7%	0.83	1.27
8%	0.81	1.32
9%	0.79	1.38
10%	0.77	1.44
11%	0.75	1.51
12%	0.73	1.57
13%	0.72	1.64
14%	0.71	1.72
15%	0.69	1.82
16%	0.68	1.92
17%	0.66	2.04
18%	0.65	2.17
19%	0.64	2.33
20%	0.62	2.5
21%	0.61	2.7
22%	0.6	2.94
23%	0.59	3.23
24%	0.58	3.57
25%	0.57	4

Source: J.C. Converse. Design and Construction Manual for Wisconsin Mounds, 1978

Source: Bulletin 813 Mound Systems for Onsite Wastewater Treatment

The Ohio State University



