

Commercial production liming table for target pH 5.6 based on the soil pH (1:1 soil to water ratio) and SMP or Sikora buffer pH tests. Lime rate is expressed in tons/ac and is based on neutralization of pH to a depth of 8 inches using agricultural grade limestone with 67% effective calcium carbonate content (ECC).

| Water pH | SMP or Sikora Buffer pH | | | | | | | | | | | | | | |
|----------|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 6.9 | 6.8 | 6.7 | 6.6 | 6.5 | 6.4 | 6.3 | 6.2 | 6.1 | 6 | 5.9 | 5.8 | 5.7 | 5.6 | 5.5 |
| 5.3 | 0.50 | 0.75 | 0.75 | 0.75 | 1.00 | 1.25 | 1.25 | 1.50 | 1.75 | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 3.25 |
| 5.2 | 0.75 | 0.75 | 1.00 | 1.00 | 1.25 | 1.50 | 1.50 | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 | 3.50 | 3.75 |
| 5.1 | 0.75 | 1.00 | 1.00 | 1.25 | 1.50 | 1.75 | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 3.25 | 3.50 | 3.75 | 4.25 |
| 5 | 1.00 | 1.00 | 1.25 | 1.50 | 1.75 | 2.00 | 2.00 | 2.25 | 2.50 | 2.75 | 3.25 | 3.50 | 3.75 | 4.25 | 4.50 |
| 4.9 | 1.00 | 1.25 | 1.50 | 1.50 | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 3.25 | 3.50 | 3.75 | 4.00 | 4.50 | 4.75 |
| 4.8 | 1.00 | 1.25 | 1.50 | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 | 3.50 | 3.75 | 4.00 | 4.25 | 4.75 | 5.00 |
| 4.7 | 1.25 | 1.50 | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 | 3.25 | 3.50 | 4.00 | 4.25 | 4.50 | 5.00 | 5.25 |
| 4.6 | 1.25 | 1.50 | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 3.25 | 3.50 | 3.75 | 4.00 | 4.50 | 4.75 | 5.00 | 5.50 |
| 4.5 | 1.50 | 1.50 | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 | 3.25 | 3.50 | 4.00 | 4.25 | 4.50 | 4.75 | 5.25 | 5.50 |