

Commercial production liming table for target pH 5.2 based on the soil pH (1:1 soil to water ratio) and Mehlich 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 | Mehlich Buffer pH | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 6.6 | 6.5 | 6.4 | 6.3 | 6.2 | 6.1 | 6 | 5.9 | 5.8 | 5.7 | 5.6 | 5.5 | 5.4 | 5.3 | 5.2 | 5.1 | 5.0 | 4.9 | 4.8 | 4.7 | 4.6 | 4.5 | 4.4 | 4.3 | 4.2 | 4.1 | 4.0 | |
| | Acidity (meq/100 cm ³) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0.0 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.4 | 2.8 | 3.2 | 3.6 | 4.0 | 4.4 | 4.8 | 5.2 | 5.6 | 6.0 | 6.4 | 6.8 | 7.2 | 7.6 | 8.0 | 8.4 | 8.8 | 9.2 | 9.6 | 10.0 | 10.4 | |
| 5.2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5.1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.75 | 0.75 | 0.75 |
| 5.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.25 | 1.25 | 1.25 | 1.25 | |
| 4.9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.75 | 0.75 | 0.75 | 0.75 | 1.00 | 1.00 | 1.00 | 1.25 | 1.25 | 1.25 | 1.25 | 1.50 | 1.50 | 1.50 | 1.50 | 1.75 | 1.75 | 1.75 | |
| 4.8 | 0.00 | 0.00 | 0.00 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.75 | 0.75 | 1.00 | 1.00 | 1.00 | 1.25 | 1.25 | 1.25 | 1.50 | 1.50 | 1.50 | 1.75 | 1.75 | 1.75 | 2.00 | 2.00 | 2.25 | 2.25 | 2.25 | |
| 4.7 | 0.00 | 0.00 | 0.00 | 0.50 | 0.50 | 0.50 | 0.75 | 0.75 | 0.75 | 1.00 | 1.00 | 1.25 | 1.25 | 1.25 | 1.50 | 1.50 | 1.75 | 1.75 | 2.00 | 2.00 | 2.00 | 2.25 | 2.25 | 2.50 | 2.50 | 2.75 | 2.75 | |
| 4.6 | 0.00 | 0.00 | 0.00 | 0.50 | 0.50 | 0.50 | 0.75 | 0.75 | 1.00 | 1.00 | 1.25 | 1.25 | 1.50 | 1.50 | 1.75 | 1.75 | 2.00 | 2.00 | 2.25 | 2.25 | 2.50 | 2.50 | 2.75 | 2.75 | 3.00 | 3.00 | 3.25 | |
| 4.5 | 0.00 | 0.00 | 0.50 | 0.50 | 0.50 | 0.75 | 0.75 | 1.00 | 1.00 | 1.25 | 1.25 | 1.50 | 1.50 | 1.75 | 2.00 | 2.00 | 2.25 | 2.25 | 2.50 | 2.50 | 2.75 | 3.00 | 3.00 | 3.00 | 3.25 | 3.25 | 3.50 | |
| 4.4 | 0.00 | 0.00 | 0.50 | 0.50 | 0.50 | 0.75 | 0.75 | 1.00 | 1.25 | 1.25 | 1.50 | 1.50 | 1.75 | 2.00 | 2.00 | 2.25 | 2.25 | 2.50 | 2.50 | 2.75 | 3.00 | 3.00 | 3.25 | 3.25 | 3.50 | 3.75 | 3.75 | |
| 4.3 | 0.00 | 0.00 | 0.50 | 0.50 | 0.75 | 0.75 | 1.00 | 1.00 | 1.25 | 1.50 | 1.50 | 1.75 | 2.00 | 2.00 | 2.25 | 2.25 | 2.50 | 2.50 | 2.75 | 3.00 | 3.25 | 3.25 | 3.50 | 3.50 | 3.75 | 4.00 | 4.00 | |
| 4.2 | 0.00 | 0.00 | 0.50 | 0.50 | 0.75 | 0.75 | 1.00 | 1.25 | 1.25 | 1.50 | 1.75 | 1.75 | 2.00 | 2.25 | 2.25 | 2.50 | 2.75 | 2.75 | 3.00 | 3.25 | 3.25 | 3.50 | 3.75 | 3.75 | 4.00 | 4.25 | 4.25 | |
| 4.1 | 0.00 | 0.00 | 0.50 | 0.50 | 0.75 | 1.00 | 1.00 | 1.25 | 1.50 | 1.50 | 1.75 | 2.00 | 2.00 | 2.25 | 2.50 | 2.75 | 2.75 | 3.00 | 3.25 | 3.25 | 3.50 | 3.75 | 3.75 | 4.00 | 4.25 | 4.25 | 4.50 | |
| 4.0 | 0.00 | 0.00 | 0.50 | 0.50 | 0.75 | 1.00 | 1.00 | 1.25 | 1.50 | 1.75 | 1.75 | 2.00 | 2.25 | 2.50 | 2.50 | 2.75 | 3.00 | 3.25 | 3.25 | 3.50 | 3.75 | 4.00 | 4.00 | 4.25 | 4.50 | 4.50 | 4.75 | |
| 3.9 | 0.00 | 0.00 | 0.50 | 0.50 | 0.75 | 1.00 | 1.25 | 1.25 | 1.50 | 1.75 | 2.00 | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 | 3.00 | 3.25 | 3.50 | 3.75 | 3.75 | 4.00 | 4.25 | 4.50 | 4.50 | 4.75 | 5.00 | |
| 3.8 | 0.00 | 0.00 | 0.50 | 0.50 | 0.75 | 1.00 | 1.25 | 1.50 | 1.50 | 1.75 | 2.00 | 2.25 | 2.50 | 2.50 | 2.75 | 3.00 | 3.25 | 3.50 | 3.50 | 3.75 | 4.00 | 4.25 | 4.50 | 4.50 | 4.75 | 5.00 | 5.25 | |
| 3.7 | 0.00 | 0.00 | 0.50 | 0.50 | 0.75 | 1.00 | 1.25 | 1.50 | 1.75 | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 | 3.00 | 3.25 | 3.50 | 3.75 | 4.00 | 4.25 | 4.25 | 4.50 | 4.75 | 5.00 | 5.25 | 5.50 | |
| 3.6 | 0.00 | 0.00 | 0.50 | 0.75 | 0.75 | 1.00 | 1.25 | 1.50 | 1.75 | 2.00 | 2.25 | 2.25 | 2.50 | 2.75 | 3.00 | 3.25 | 3.50 | 3.75 | 3.75 | 4.00 | 4.25 | 4.50 | 4.75 | 5.00 | 5.00 | 5.25 | 5.50 | |
| 3.5 | 0.00 | 0.00 | 0.50 | 0.75 | 1.00 | 1.00 | 1.25 | 1.50 | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 2.75 | 3.00 | 3.25 | 3.50 | 3.75 | 4.00 | 4.25 | 4.50 | 4.50 | 4.75 | 5.00 | 5.25 | 5.50 | 5.75 | |
| 3.4 | 0.00 | 0.00 | 0.50 | 0.75 | 1.00 | 1.25 | 1.25 | 1.50 | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 | 3.25 | 3.25 | 3.50 | 3.75 | 4.00 | 4.25 | 4.50 | 4.75 | 5.00 | 5.25 | 5.50 | 5.50 | 5.75 | |
| 3.3 | 0.00 | 0.00 | 0.50 | 0.75 | 1.00 | 1.25 | 1.50 | 1.50 | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 | 3.25 | 3.50 | 3.75 | 4.00 | 4.25 | 4.50 | 4.50 | 4.75 | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | |
| 3.2 | 0.00 | 0.00 | 0.50 | 0.75 | 1.00 | 1.25 | 1.50 | 1.75 | 2.00 | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 | 3.25 | 3.50 | 3.75 | 4.00 | 4.25 | 4.50 | 4.75 | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.00 | |