



FACT SHEET

SOIL pH REFERENCE TABLE

Based on field research by A&L the following reference chart describes the required lime application based on soil type differences. This information takes into account not just buffer pH but also Hydrogen content of the soil and the buffering potential of the soil based on C.E.C. The following lime recommendations are based on an application of 100% CaCO₃ incorporated into the soil a depth of 6 ¾ inches and a target pH that is desirable for the soil type.

PURE CaCO₃ TONNES/HA 6 ¾ DEPTH C.E.C.

| Buffer pH | >17 | 13-17 | 9-12 | <9 | |
|-----------|------|-------|------|-----|---|
| 6.8 | 2.9 | 1.9 | 1.9 | 0.0 | |
| 6.7 | 4.8 | 3.8 | 2.9 | 1.5 | |
| 6.6 | 6.7 | 5.7 | 4.8 | 2.3 | |
| 6.5 | 8.6 | 7.6 | 5.7 | 3.1 | |
| 6.4 | 10.5 | 8.6 | 7.6 | 3.4 | maximum application per year |
| 6.3 | 12.4 | 10.5 | 8.6 | 4.2 | |
| 6.2 | 14.3 | 12.4 | 9.6 | 5.0 | |
| 6.1 | 16.3 | 13.4 | 11.5 | 5.4 | |
| 6.0 | 18.2 | 15.3 | 12.4 | 6.1 | |
| 5.9 | 20.1 | 17.2 | 14.3 | 6.9 | |

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