



Clubroot Factsheet

Series 1 for farms

sheet 5

Limes and Liming

Fact: CLUBROOT THRIVES IN ACIDIC SOILS WITH A PH LESS THAN 7.0
USE OF LIME INCREASES THE SOIL PH

Liming is an effective preventative measure and is cheap and easy to apply.

Monitor soil pH to maintain a pH of 7.0 to 7.5.

Important factors that influence the effectiveness of lime application:

- **pH** of the liming material which can vary from 7.0 (unprocessed limes) to 12.0 (processed limes).
- **Neutralising Value (NV).** Indicates the acid reducing ability of a lime and is expressed relative to calcium carbonate (NV 80 - 100%).
- **Particle size.** This influences the rate of reactivity ranging from days or weeks (fine limes) to months or years (coarse limes).
- **Timing** of application. Regardless of the type of lime used, aim to reach maximum soil pH at the time of transplanting to protect the young transplant from infection (see table overleaf).



Field application of lime to the growing zone



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