

# Calcifert Lime

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## Granulated Calcium Lime

Calcifert granulated lime is proven to neutralise soil acidity. It is suitable for all crops including grassland, cereals, fruit, vegetables, oilseed rape and hops.

Made from fine limestone flour combined with a water-soluble organic binder, Calcifert Lime consists of hard granules of between 2mm and 5mm in diameter.

# Why choose Calcifert Lime?

Calcifert Lime has many benefits over conventional lime. The biggest benefit is that Calcifert Lime doesn't need to be applied by specialist contractors – it can be applied using conventional farm fertiliser spreading equipment.

- Applied using a standard spreader
- Fast acting and cost effective
- Spread what you need, where you need it



## Getting the balance right

Monitoring the pH of your soil and balancing soil acidity are key to improving crop performance, as low soil pH reduces crop growth and ultimately yield. Applying Calcifert granulated lime provides a quick and easy way to effectively balance soil pH, improving quality and yield.



### Product Analysis

Calcium as Ca	39.3%
Calcium as CaO	55%
Magnesium as M	<0.5%
Magnesium as MgO	<0.5%

## Calcifert Lime Benefits

- Fully dissolvable granules mean Calcifert Lime is fast-acting and will quickly improve soil pH
- Granules of a regular size and shape ensure an even spread and rapid uptake
- Easy spreading with conventional farm spreaders reduces the need for specialist contractors
- Can be stored on farm and spread at anytime of the year, and with other fertilisers
- Calcifert Lime can be applied on bare ground or to growing crops, unlike conventional lime
- Lower application rates than conventional lime make Calcifert Lime a cost effective option
- Helps improve soil structure
- Can be used to spot treat ground – making it economical for treating small areas
- Can be applied in bout widths up to 36m
- Safe to use - non-toxic and non-hazardous
- Assured under the Agricultural Lime Association AQS (AgLime Quality Standard)

## Application rates

Application rates vary depending on soil type, acid levels and type of crop.

Trials on sandy soil have shown an application of 248kg per hectare (100kg per acre) increased pH by 0.9 within four weeks at a depth of 2-3cm.

Two years into the trial, the same single application of Calcifert Lime had increased pH by 0.6 at a soil depth of 14-15cm.



## Ideal for crops or grassland

Calcifert provides essential nutrients to grassland and crops and is easy to self-apply.



## Technical data

Calcifert Lime is used to neutralise soil acidity and is suitable for use on all crop types. Calcifert Lime is an EC Fertiliser – Liming Material which exceeds the specification under Section G.1 No. 1(b) Limestone – Fine Quality, of Regulation (EC) No 2003/2003 of the European Parliament and of the Council.

### Physical properties

Neutralising Value (as CaO)	54
Moisture content	<0.5%
Reactivity (HCl)	97%

### Grading % by weight (after breakdown of granules in water)

Fineness to pass through a 2mm sieve	100
Fineness to pass through a 1mm sieve	100
Fineness to pass through a 0.315mm sieve	99
Fineness to pass through a 0.1mm sieve	88

## Find out more

Find out more about the Calcifert product range, or speak to one of our Agricultural technical experts, by visiting [www.lkabminerals.com](http://www.lkabminerals.com).

LKAB Minerals is an international industrial minerals group with a leading position in a number of product applications. We develop sustainable mineral solutions in partnership with our customers, supplying natural minerals engineered for functionality and usability. LKAB Minerals is part of the Swedish company LKAB, one of the world's leading producers of highly upgraded iron ore products and other related mining services and products.

#### Value driven

We are proud and passionate about what we do – this is reflected in our values Committed, Innovative and Responsible.

Learn more at [lkabminerals.com](http://lkabminerals.com)

