

Calcifert Mag

Granulated Magnesium Lime

Calcifert Mag is a granulated dolomitic limestone manufactured in the UK and contains more than 19% magnesium as MgO.

Calcifert Mag is ideal for magnesium deficient soils with a pH imbalance.

Calcifert Mag

Calcifert Mag is granulated using dolomitic limestone flour and a water-soluble binder, manufactured in the UK.



Product Analysis

Calcium as Ca	21.5%
Calcium as CaO	30%
Magnesium as Mg	11.5%
Magnesium as MgO	19%

Magnesium deficiency

Calcium and sulphur are essential Magnesium deficiency is most likely to occur on light sandy soils and shallow chalk soils with low organic matter.

Soils with low pH are prone to magnesium deficiency.

High levels of potassium in soil, caused by potash-rich soils or overuse of potash fertiliser, reduce the ability of plants to take up magnesium.

Why apply magnesium lime?

Magnesium is an essential ingredient of chlorophyll, the green plant pigment that gives

leaves their colour and enables photosynthesis.

Magnesium is also important for phosphate and nitrogen metabolism, as well as being a key component for normal plant growth and protein synthesis.

Along with potassium, magnesium helps regulate a plant's uptake of water and adequate magnesium levels are vital to establishing good crops.

- Magnesium lime also balances soil pH giving:
- Improved crop performance
- Better crop quality and yield
- Better fertiliser efficiency



56

Calcifert Mag has a neutralising value of fifty six.

An efficient solution for magnesium-deficient soils

Our fertiliser Magnesium Lime is ideal for soils that have a pH imbalance and are also lacking in magnesium.

Calcifert Mag benefits:

- Can be self-spread using standard farm fertiliser spreading equipment
- High reactivity means lower application rates than standard magnesium lime, making Calcifert Mag cost effective
- Granules of a regular shape and size ensure even spread and rapid uptake
- Adjust your soil pH quickly and easily and gain the benefits of applying magnesium to your soil
- Suitable for all crops including grassland and forage crops, cereals and oilseeds, fruit, veg, vines and hops



Ideal for crops or grassland

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



Technical data

Calcifert Mag is used to correct magnesium-deficient soil. Calcifert Mag is an EC Fertiliser – Liming Material which exceeds the specification under Section G.1 No. 2(b) Magnesian Limestone – Fine Quality of Regulation (EC) No 2003/2003 of the European Parliament and Council.

Physical properties

Neutralising Value (as CaO)	56
Moisture content	<0.5%
Reactivity (HCl)	29%

Grading (after breakdown of granules in water)

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

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

