

Calcifert Sulphur

Granulated Calcium Sulphate

The Calcifert range offers granulated products to the agricultural industry. Calcifert provides essential nutrients to grassland and crops in a format farmers apply using conventional fertiliser spreading equipment.

Calcifert Sulphur is one of the purest calcium sulphate fertiliser products on the market.

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One of the purest calcium sulphate products on the market for arable and grassland soils deficient in calcium and sulphur. Calcifert Sulphur is a granulated calcium sulphate product.



Product Analysis

Calcium as Ca	27.9%
Calcium as CaO	39%
Sulphur as S	22.4%
Sulphur as SO ₃	56%

Getting the balance right

Calcium and sulphur are essential nutrients for crops and grassland and are often under supplied in many farmed soils.

Soil lacking in either of these minerals can result in poor crop performance and wasted fertiliser application.

Calcium is not often recognised as a limiting factor in plant development and is not accounted for in crop off take. Calcium deficiency normally occurs on acidic soils where native calcium has leached.

Sulphur deficiency occurs most often with high nitrogen fertiliser

rates. If the supply of nitrogen is not balanced with adequate sulphur, the nitrogen available for crop use may be excessive in relation to sulphur and therefore under utilised.

Why choose Calcifert Sulphur?

Calcifert Sulphur is a quick and easy way to supply both calcium and sulphur to your soil. With a typical analysis of calcium as CaO: 39% and sulphur expressed as SO₃: 56%, Calcifert Sulphur is one of the purest calcium sulphate products on the market.

Calcifert Sulphur has a

neutralising value of zero, meaning it won't affect the pH of your soil.

Calcifert Sulphur is in 600kg bags and can be self spread, making it ideal to target specific fields and perfect for precision farming.

Calcifert Sulphur has been spreader tested on various machines - for more information and settings please contact us.

Sulphur is key to efficient nitrogen utilisation, and with rising prices, ensuring you are getting the most from the fertiliser you spread is essential.

56

Calcifert Sulphur has chemical analysis for SO₃ of fifty six

Efficient nitrogen utilisation

Sulphur is key to efficient nitrogen utilisation. It is therefore essential that farmers get the most from the input they apply, especially with ever-increasing fertiliser prices. Calcifert Sulphur is a quick and easy way to supply both calcium and sulphur to the soil and crop.

Trials of calcium and sulphur application have shown:

- Strengthening of the plant's physical structure, helping to protect against disease and use sunlight and nutrients more efficiently
- Improvements to wheat yield where there was a sulphur deficiency
- Increase in grass protein levels in three consecutive silage cuts on grassland
- Improved digestibility of grass forage
- Improved soil structure and workability by reducing compaction caused by equipment and livestock

Application of Calcifert Sulphur is ideal for fields with high magnesium levels due to over-use of mag lime. Calcifert Sulphur helps to redress the calcium:magnesium ratio, and open up the structure of the soil, which will have tightened due to the high mag levels.

Trials using Calcifert Sulphur on these types of soils have shown an improved mineral balance when tissue samples have been analysed. Higher levels of phosphate, manganese, copper, zinc and boron in particular were evident.

Trials have shown significant results in short periods of time. Crops in treated plots have shown adequate levels of nutrient uptake compared to nutrient-deficient plants in controlled plots.

Grass yields increased on several farms following the application of Calcifert Sulphur, and palatability improved, evidenced by livestock's preference for treated paddocks.



Ideal for crops or grassland

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



Technical data

Calcifert Sulphur is used to address calcium and sulphur shortages in soil, to help redress the calcium:magnesium ratio and is suitable for all crop types. Calcifert Sulphur is an EC Fertiliser – Inorganic Secondary Nutrient Fertiliser which exceeds the specification under Section D No. 1 Calcium Sulphate, of Regulation (EC) No 2003/2003 of the European Parliament and of the Council.

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

Fineness before granulation < 150 micron	95
Fineness after granulation between 2mm – 5mm	85

Physical properties

Neutralising Value (as CaO)	<1
Moisture content	<0.5%

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



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