

Calcifert LS11

Granulated Lime and Calcium Sulphate

For over 20 years, Calcifert has been helping farmers improve soil, grassland and crop performance through high-quality calcium and sulphur solutions.

Calcifert LS11 combines high-reactivity calcium carbonate with calcium sulphate, providing a practical and cost-effective way to maintain soil pH while supplying essential calcium and sulphur in a single application.

LKAB Minerals

Calcifert LS11

Calcifert LS11 both neutralises soil to maintain a balanced pH and contains 11% SO_3 to help address the widespread sulphur deficiency on UK farmland.

Calcifert LS11 is suitable for all cropping situations that have a requirement for both soil neutralisation and a Sulphur supply. The high percentage of Calcium Lime will optimise the soil pH, being pure high reactivity Calcium Carbonate, making more nutrients bio available. The Calcium Sulphate portion of the product will supply much needed plant available Calcium and Sulphur which are commonly undersupplied in crop nutrient management plan.



Product Analysis

Calcium as Ca	37%
Calcium as CaO	52%
Sulphur as S	4.5%
Sulphur as SO_3	11%

Importance of Sulphur

Recent data suggests that following a dramatic reduction in atmospheric deposits over the last 30 years, up to 85% of arable land and 88% of grassland, is deficient in sulphur, with some soils now at critically low levels. Sulphur is an essential nutrient required for the healthy development of all plants and vital to efficient nitrogen utilisation. Calcifert LS11's sulphur content is coupled with high reactivity calcium carbonate – making it very effective at neutralising soil acidity and maintaining the right pH level to optimise fertiliser and nutrient efficiency leading to better quality and yield of crops.

Cost-effective and improved yield

With fertiliser prices continuing to rise and availability of some products becoming more challenging, it is increasingly important for farmers to maximise the value of every input applied. Calcifert LS11 offers a quick, easy and cost-effective way to address two key aspects of soil health that require annual attention in most cropping situations: maintaining soil pH and supplying essential sulphur. By combining these benefits in a single application, Calcifert LS11 helps growers support crop performance while making the most of their fertiliser investment.



Trials of Calcifert LS11 application have shown:

- Strengthening of the plant's physical structure, helping to protect against disease and use sunlight and nutrients more efficiently
- Improvements to cereal yield where there was a sulphur deficiency

Research conducted on a Scottish grassland farm showed that a single spring application of 200kg/ha of Calcifert LS11 increased dry matter yield by 9.2% between May and August. This delivered a return on investment of 12:1, driven by improved nutrient use efficiency and plant uptake when readily available calcium and sulphur are applied early in the growing season and soil pH is maintained at the target level.

As farmers adopt more regenerative approaches, soil health, productivity and organic matter retention are becoming increasingly important. By supporting soil health and nutrient efficiency, Calcifert LS11 can help optimise input use and reduce reliance on more carbon-intensive products.

Suitable for all crop types, Calcifert LS11 is ideally applied in spring but is also well suited to autumn-drilled oilseed rape and grass reseeds. Like all Calcifert products, it is supplied in 600kg bags and can be applied using a conventional fertiliser spreader.

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 increasing fertiliser prices. Calcifert LS11 is a quick and easy way to supply both calcium and sulphur to the soil and crop.



Ideal for crops or grassland

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

Technical data

The high percentage of Calcium Lime will optimise the soil pH, being pure high reactivity Calcium Carbonate, making more nutrients bio available. The Calcium Sulphate portion of the product will supply plant available Calcium and Sulphur which are commonly undersupplied in crop nutrient management.

Physical properties

Neutralising Value (as CaO)	44
Moisture content	<0.5%
Reactivity (HCl)	99%

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

