

## Application...

Application of Calcifert Sulphur to fields which have high magnesium levels (due to over-use of mag lime) helps to redress the calcium magnesium ratio, and open up the structure of the soil, which has tightened due to the high magnesium levels.

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

Calcifert Sulphur trials were carried out during the 2012 cropping year and showed significant results in a short period of time. Plants in treated plots showed adequate levels of nutrient uptake, compared to nutrient-deficient plants in the controlled plots. Grass yields increased on several farms and palatability was evidenced by the animal's preference for treated paddocks.



## Contact us...

For more information about Calcifert Sulphur and other products in the Calcifert range, please visit our website or get in touch using the details below.

*Production plant:*

Percival Lane  
Runcorn  
Cheshire  
WA7 4UY

*Order office:*

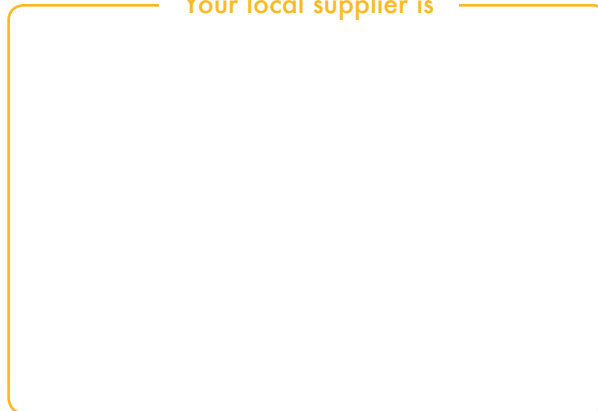
The White House  
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BA3 4UU

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Email: [info@calcifert.co.uk](mailto:info@calcifert.co.uk)

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Your local supplier is



Is your soil being supplied with enough calcium and sulphur?

Get your soil levels right and encourage better quality crops and forages with Calcifert Sulphur.



## 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 Ca: 33% and sulphur expressed as  $\text{SO}_3$ : 55%, Calcifert Sulphur is one of the purest calcium sulphate products available on the market. Calcifert Sulphur has a neutralising value of zero, meaning it won't affect the pH of your soil.

Calcifert Sulphur is available 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.



## 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