



Consult your
certification body

LIMEX45

Take control of your soil pH... and your profit potential

Most crops are sensitive to sub-optimal pH

Farmers need to assess their liming requirement in advance of growing their most acid sensitive crop within the rotation. Typically, sugar beet, barley, oilseed rape and wheat can be susceptible species, as shown in the graph below, but not exclusively!

Once pH drops from the optimal range it will continue to decline into the **'danger zone'** where **the potential for yield loss can be catastrophic, and the cost to rectify this increases significantly.**

Typically, cultivations, leaching and the impact of nitrification can combine to reduce pH, equivalent to using more than 1 tonne of calcium carbonate per hectare per year. Crop use by comparison is minimal.

Therefore, **by using fast-acting maintenance applications of LimeX45, pH can be managed in advance** for more sensitive crops, with the potential to benefit the remainder of the rotation, until pH testing for subsequent sensitive crops is required again.

Many growers apply LimeX45 as a maintenance dressing when pre-drilling in the autumn or, in the case of light land, in the spring prior to planting; adopting a cultivation strategy to ensure the LimeX45 is well incorporated into the top 20cm to **optimise crop development.**



Unique Product Benefits

Very fine particle size – ensures fast-acting & lasting pH correction

Dry substance level – minimises dust when spreading

Nutrient content – provides useful contribution to soil fertility

Organic approval – via the Soil Association

Storage robustness – offers on-farm flexibility

Comprehensive Customer Service

All-year national availability – flexible for all rotational needs

Soil sampling & pH mapping – for accurate determination of liming requirement

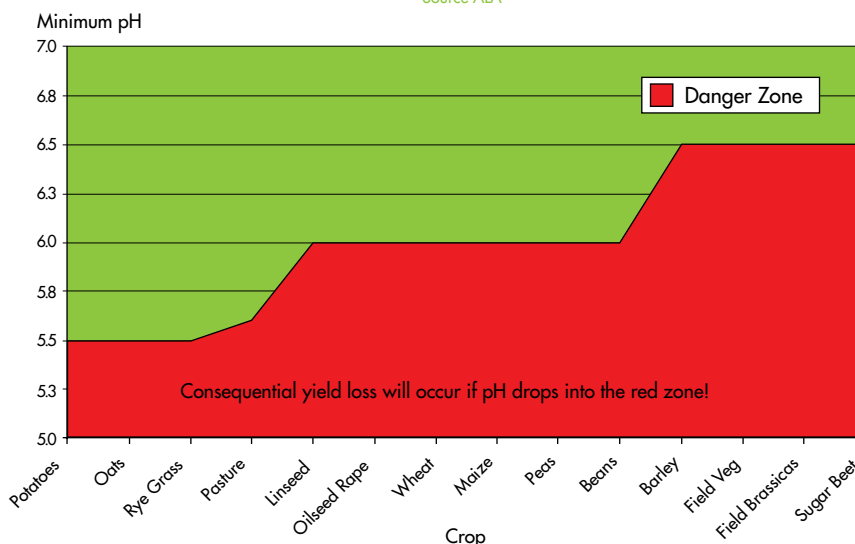
FACTS-qualified staff – giving you a targeted liming recommendation

Self-collect or delivered & spread options

Flexible payment options

Minimum crop pH on mineral soil

Source ALA



Realising the nutrient value

One tonne of LimeX45 contains a minimum content of:

Total P ₂ O ₅	7kg/t
Total MgO	5kg/t
Total SO ₃	4kg/t

Can be included in fertiliser balance for following crop

A unique advantage of LimeX45, and an important one regarding overall farm costs, is the value of the nutrients integral in the product. The information below shows the minimum levels for three important nutrients and their value to your enterprise using the Fertiliser Manual (RB209 8th Edition 2010) as a guide.

Phosphate (P₂O₅)

- At a LimeX45 application rate of 7.5 tonne/hectare (3t/acre) this equates to 50kg/hectare of P₂O₅ worth £35.00

Magnesium (MgO)

- At a LimeX45 application rate of 7.5 tonne/hectare (3t/acre) this equates to 35kg/hectare of MgO worth £14.00

Sulphate (SO₃)

- At a LimeX45 application rate of 7.5 tonne/hectare (3t/acre) this equates to 30kg/hectare of SO₃ worth £3.00 (25-40kg SO₃/ha is recommended where deficiency may occur)

The combined value of these integral nutrients is typically

£60.00 per hectare

inclusive of the saving of application.

The above values are based on the market-average price of proprietary nutrients and were correct at the time of printing.

The most up-to-date values are available on our website limex.co.uk

Comprehensive Customer Service

- pH and full nutrient testing & mapping service
- Loading & Low Ground Pressure spreading
- GPS soil testing & spreading option

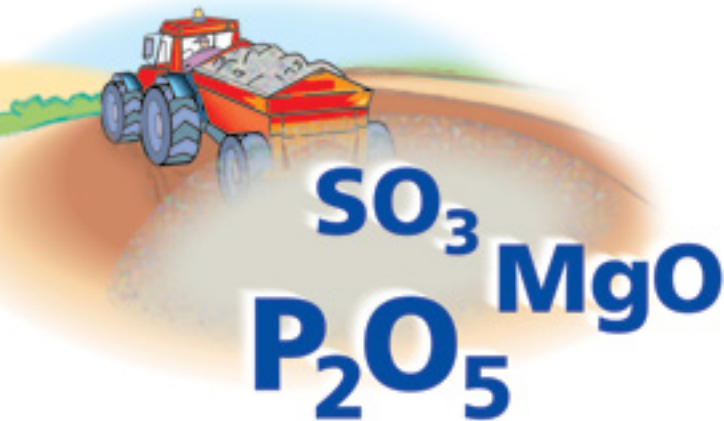
For more information, contact:

0870 240 2314

limex@britishsugar.com

limex.co.uk

LIMEX45



pH-nutrient maintenance

LIMEX