

The combined value of these integral nutrients is typically

£80.00 per hectare

inclusive of the saving of application

GRASSLAND

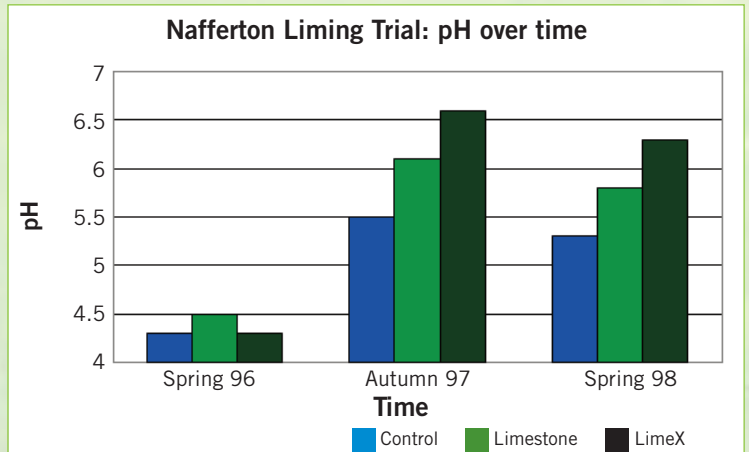
invest in your grassland and improve your yield

By maintaining the pH of your grassland at the optimum level, you can ensure you achieve maximum returns from your crop and livestock.

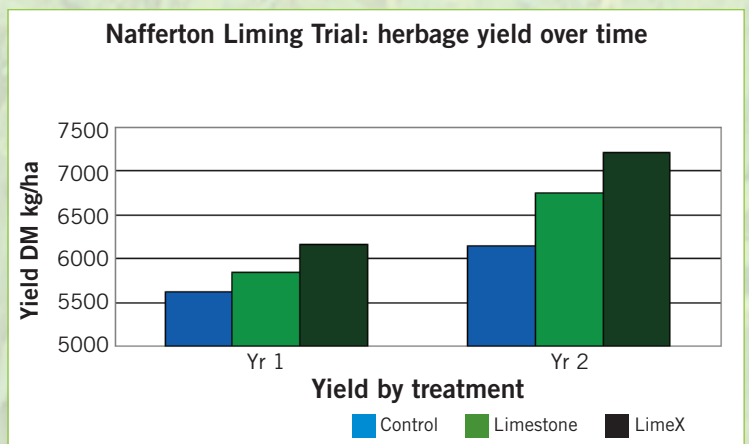
Declining pH lowers soil fertility and sward productivity, unless soil reserves of lime are replenished. Grass grows best at pH 6.5 and above and lime should be applied when needed. It is recommended grassland soils are tested ever 3-4 years.

Trials at Nafferton and Molesden show LimeX generates the greatest yield response on grassland, with Nitrogen offtake increasing by 10-20kg over a season.

Results show the pH increase from LimeX was greater than the response from Limestone, with best results in the Spring. Furthermore, LimeX and limestone applications can increase the Magnesium content of the herbage.



LimeX70 has provided the best pH uplift, reflecting fine particle size and reactivity



LimeX70 has tended to give the best herbage yield advantage and is probably linked to improved N utilisation

Phosphate (P₂O₅)

- Minimum of 10kg in every tonne of LimeX70
- At an application rate of 7.5 tonne/hectare (3t/acre) this equates to 75kg/hectare of P₂O₅ worth £43.00
- Provides maintenance phosphate for many grassland situations (range 20-100kg/ha)

Magnesium (MgO)

- Minimum of 7kg in every tonne of LimeX70
- At an application rate of 7.5 tonne/hectare (3t/acre) this equates to 50kg/hectare of MgO worth £18.00
- Reduces the risk of hypomagnesaemia
- Supports Mg uptake and forage K:Mg < 20:1

Sulphate (SO₃)

- Minimum of 6kg in every tonne of LimeX70
- A 7.5 tonne/hectare (3t/acre) LimeX70 application provides 45kg/hectare of SO₃ worth £5.00 (25-40kg SO₃/ha is recommended before each silage cut where deficiency may occur)