

The combined value of these integral nutrients is typically

**£60.00 per hectare**

inclusive of the saving of application

# OILSEED

maximise your yields and crop profitability

The optimum pH for mineral soils under continuous arable cropping is 6.5-7.0. This will maximise the availability of most nutrients to plants.

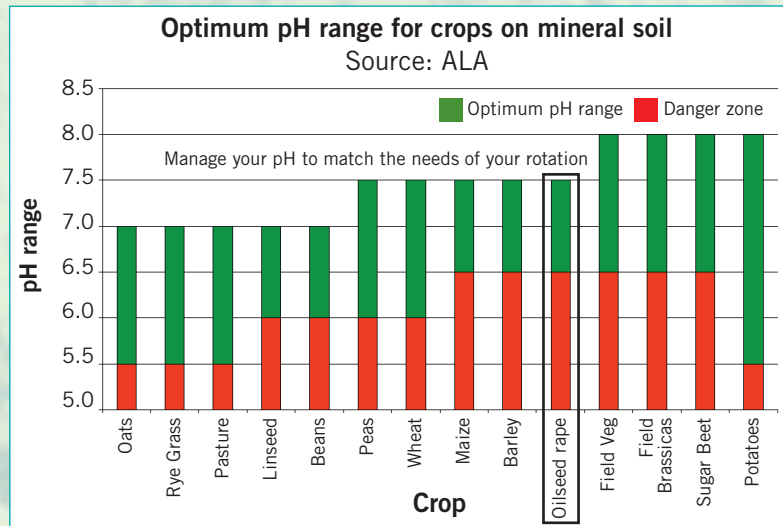
Oilseed rape is one of the more pH susceptible crops, and so soil pH should be managed with the application of LimeX prior to planting.

Clubroot severity is linked to soil pH and crops in acidic soils are more at risk of severe symptom development.

Although the clubroot pathogen is highly resilient and will survive and infect even at high soil pH levels, soil amendments that raise the pH and calcium content of soils can be effective.

A spike in both pH and available calcium at drilling has been shown to reduce clubroot infection. A neutral or alkaline pH (7+) will be most effective in reducing clubroot.

AHDB field trials\* showed LimeX70 applied just before drilling at gave average control of up to 90%, relative to the level of disease. (\*Project Report 487)



## Phosphate (P<sub>2</sub>O<sub>5</sub>)

- Minimum of 10kg in every tonne of LimeX70
- At an application rate of 5 tonne/hectare (2t/acre) this equates to 50kg/hectare of P<sub>2</sub>O<sub>5</sub> worth £30.00
- This is sufficient maintenance phosphate for: P Index 2: - Winter oilseed rape (50kg/ha), P Index 1: - Spring oilseed rape (60kg/ha)

## Magnesium (MgO)

- Minimum of 7kg in every tonne of LimeX70
- At an application rate of 5 tonne/hectare (2t/acre) this equates to 35kg/hectare of MgO worth £12.00
- This is a valuable contribution to the rotational Mg requirement
- Add 50-100kg/MgO at Mg Index 0 and 1 every 3 to 4 years

## Sulphate (SO<sub>3</sub>)

- Minimum of 6kg in every tonne of LimeX70
- At an application rate of 5 tonne/hectare (2t/acre) this equates to 30kg/hectare of SO<sub>3</sub> worth £3.00
- Apply 50-75kg/ha of SO<sub>3</sub> in early spring on mineral soils
- OSR yield response in deficiency situations can be 50%+ with the majority of benefit from the first 25-50kg SO<sub>3</sub>/ha