



# NK Sulphur

## 27-0-6 ( $6\text{SO}_3$ )

**A True Granular product that provides Potassium and Sulphur when Phosphate is not required. Reflects the growing demand for zero Phosphate fertiliser**



**Environmental concerns, traditionally centred on Nitrates, now extend to Phosphate loss and its affect on water quality.**

A significant proportion of UK land has high levels of Phosphate. Applications of Phosphate fertilisers during the summer months do not give a crop response, especially in dry conditions.

### **UK Soil Phosphate status**

#### **Grassland**

60% index 2 and above  
30% index 3 and above

#### **Arable**

80% index 2 and above  
50% index 3 and above  
Source: Defra

The need for Potassium, whilst variable, is increasing as soil levels are gradually in overall decline.

Sulphur is also now recognised as a major limiting factor in UK agricultural production.

Traditional grades of this type have contained relatively high levels of Potassium which can exceed requirements in situations of high soil K indices and on grassland where higher volumes of organic manures are applied. NK Sulphur represents another option for Potassium and Sulphur applications.

Price increases in Phosphates, whether feed or fertiliser have been unprecedented. This, together with environmental concerns, means farmers must soil sample regularly so soil nutrient supply can be incorporated within a fertiliser plan.



Optimise fertiliser efficiency with GrowHow Advice and Services such as N-Min®, N Calculator and EnCompass® via a FACTS qualified Fieldsman.

## Areas of Suitability

### Grassland

Use as a general grassland fertiliser on soils with high Phosphate index. Grazing, apply 200-250kg/ha NK Sulphur on a monthly basis. Silage, where organic manures are applied up to NVZ limits, replace usual NK product with 300-400 kg/ha NK Sulphur.

### Arable

Use NK Sulphur in situations involving high soil P levels and generally higher K levels, or where sewage sludge has been spread. On winter cereals use appropriate application splits and quantities.

Features	Benefits
A True Granular Compound	Even application of nutrients to 24m and above where required (with a correctly calibrated spreader)
Zero Phosphate	A cost effective product in high soil P situations will reduce the level of environmental P losses without any loss in crop response
Contains 'active' mid-season nutrients of N, K and S	In drier, mid-season conditions Nitrogen, Potassium and Sulphur are the only nutrients that would be expected to achieve a response
Flexible analysis	A 'universal' analysis to fit situations requiring high N, as well as supplying K and S
Manufactured at sites which are accredited to ISO 9001:2000.	Reliable product, consistent quality

**GrowHow recommends that you set up your spreader for both application rate and spread pattern. For PSDS, please go to the website: [www.growhow.co.uk](http://www.growhow.co.uk)**

