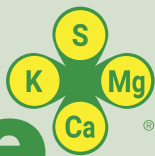
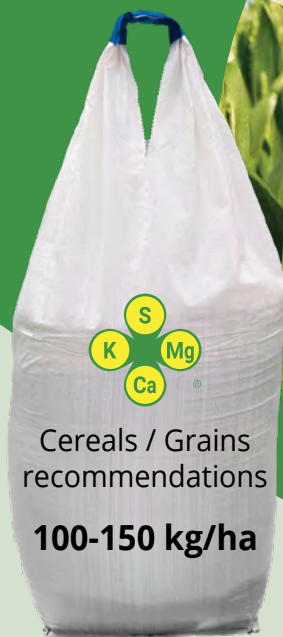


Polysulphate



for wheat and barley



Sulphur
is essential for
the formation of
protein and oils



Potassium
secures yield
and quality



Magnesium
is vital for
photosynthesis



Calcium
is critical for
cell division and
root growth



ICL UK Sales Limited
Boulby Mine, Loftus, Saltburn, Cleveland
TS13 4UZ, United Kingdom
www.polysulphate.com

Polysulphate



Main features



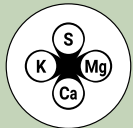
Reduced loss of nutrients from leaching due to the prolonged release of Polysulphate



Polysulphate has a lower carbon footprint than alternative fertilisers



In extensive research ICL has found that crops have improved establishment



Polysulphate contains 4 essential nutrients in one natural product



Polysulphate spreads well, to 36 metres comfortably



Polysulphate is a low chloride fertiliser for sensitive crops and is accredited for use in organic systems

Mined in the UK, ICL is the first and only producer in the world to mine polyhalite, marketed as Polysulphate.



fertilizers.sales@icl-group.com
[Twitter.com/fertilizerpluS](https://twitter.com/fertilizerpluS)
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www.polysulphate.com

Premium plant nutrition from ICL Fertilizers

Using Polysulphate for cereal crops

Over 90% of UK soils are now deficient for sulphur due to the reduction of deposition of atmospheric pollution. To maximize nitrogen use efficiency you need adequate levels of potassium and sulphur.

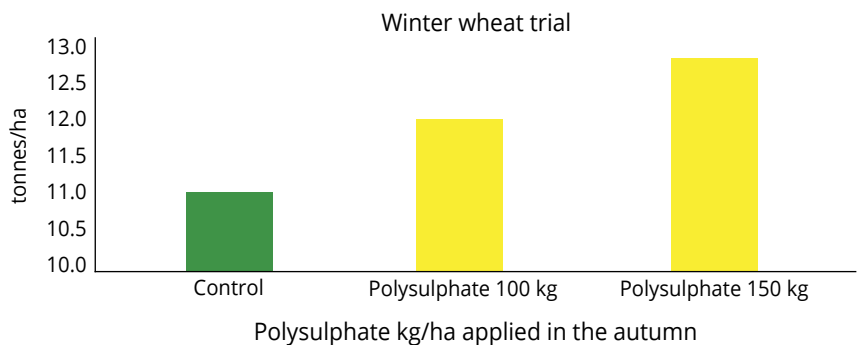


Winter wheat trial near Whitby, North Yorkshire (UK).

L: without Polysulphate, R: 100 kg/ha of Polysulphate, in the autumn

ICL has done extensive research on the establishment of grain crops. In our trials, we have found that with an application of sulphur at planting we can improve the uptake of nitrogen and with added magnesium and calcium we have seen an increase in root development.

In UK trials we have seen an improvement of 10% in nitrogen uptake in the autumn when Polysulphate is used at drilling, this has also improved yield at harvest as the graph below shows:



Proven Polysulphate benefits

- Improved yield
- Reduced asparagine content
- Improved nitrogen use efficiency (NUE)
- Lower farm carbon footprint

Polysulphate recommendations

Winter cereals: Polysulphate ① applied at 100 kg/ha at drilling followed by ② 100 kg/ha in January/February either straight or incorporated into a blend (remember to consider the extra potassium from Polysulphate in your fertiliser calculations).

Spring cereals: Polysulphate can be blended into your fertiliser products or used as a straight at 100-150kg/ha.

