



"I grow asparagus, maize, tobacco, strawberries and other fruits. Since I started using Polysulphate, I have high quality produce that looks good, has a longer shelf-life and most importantly - secures a better price from customers."

Michael Zapf, farmer

# Poly <sup>S K Mg Ca</sup> sulphate™

| Product/minerals             | S | K | Mg | Ca |
|------------------------------|---|---|----|----|
| Polysulphate                 | + | + | +  | +  |
| Potassium-magnesium-sulphate | + | + | +  |    |
| Kieserite                    | + |   | +  |    |
| Potassium sulphate (SOP)     | + | + |    |    |
| Ammonium sulphate            | + |   |    |    |

Polysulphate has multiple advantages for farmers. Now, for the first time, Polysulphate is available to everyone around the world.

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

#### Follow us on

- YouTube.com/Polysulphate-fertilizer
- Facebook.com/Polysulphate
- Twitter.com/Polysulphate



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## Polysulphate™

Multi-nutrient fertilizer  
Innovative, versatile and unique



Poly <sup>S K Mg Ca</sup> sulphate™

## Introducing Polysulphate™

Polysulphate is a new 4-in-1 natural fertilizer for improved crop yields. Polysulphate contains four plant nutrients: sulphur, potassium, magnesium and calcium.

Although Polysulphate was first found almost 200 years ago in Europe, only recently has a large scale deposit been discovered and now mined by Cleveland Potash – 1,200m underneath England's North Sea.

Now this natural 4-in-1 fertilizer is available to farmers. All tests are conclusive – Polysulphate provides the best value for farmers, crop after crop.



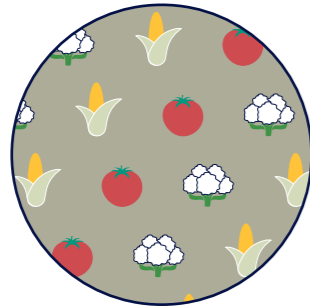
## What's in Polysulphate?

Polysulphate is the trademarked name for polyhalite, a naturally occurring mineral with the chemical formula:  $K_2Ca_2Mg(SO_4)_4 \cdot 2H_2O$

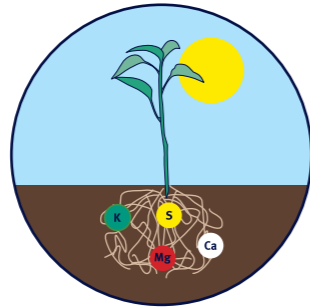
- **48% SO<sub>3</sub>** (19.2% S) balances crop's need for S and improves efficacy of other nutrients (e.g N and P)
- **14% K<sub>2</sub>O** (11.6% K) as potassium sulphate, vital for improved crop health
- **6% MgO** (3.6% Mg) as magnesium sulphate, essential for photosynthesis
- **17% CaO** (12.2% Ca) as calcium sulphate, crucial for cell division and strong cell walls



Available in **granular grade** (for direct application and bulk blending) and **standard grade** (for direct application and NPK granulation)



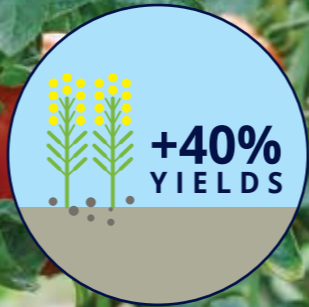
**Ideal natural source for all crops**, especially brassicas, cereals, legumes (soybean), vegetables, clover grassland leys and silage crops



**Fully soluble**, with all nutrients available for plant uptake



The low chloride content makes it **ideal for chloride-sensitive crops**



Tests conducted in the UK found that the sulphur supply by Polysulphate **increased yields by up to 40%**



**Approved for organic agriculture** in several European countries



**Completely natural**, mined, crushed, screened and bagged



**Low carbon footprint fertilizer**, helps growers achieve carbon targets demands